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# HARDY PLANTS

## *for the Home Garden*

★ MAR 15 1932 ★



## W. A. TOOLE

*of Garry-nee-Dule*

### BARABOO, WISCONSIN

## SEASON 1932

# Greetings From Garry-nee-Dule



We invite you to visit the Baraboo Region this season.

We greet you again with our Hardy Plant catalog for 1932, and wish the best of success in the growing of all your lovely flowers, and the worst of misfortunes to the weeds and diseases and insects that may want to trouble your plants.

And the weather, may it only be uncertain enough to keep you pleasantly in suspense, without injury to the flowers.

We are making some improvements each season in growing facilities, packing methods, or better knowledge of the needs of plants.

The past season we have added to our greenhouse space, and brought nearer completion our display Rock Garden and Perennial borders as well as extending our facilities for growing wild flowers.

If within driving distance of Garry-nee-Dule, we are sure you will enjoy a visit to our Nursery and Gardens, and a walk down the Nature Trail.

## VISITORS WELCOME

We are always open to visitors throughout the growing season. Our home and nursery are located two miles southwest of Baraboo on Highway 12.

## OUR AIM

We aim to grow and pack our plants to reach you in the best possible condition. Should we fail to do this at any time, we would consider it a favor if you would let us know at once so we may make satisfactory adjustments.

## CARRIAGE PAID

Please note that all our prices this year include PARCEL POST or EXPRESS PREPAID. There will be no additional delivery charge.

## MY GUARANTEE

I guarantee that any plants or seeds I sell will reach you in good growing condition. If they do not arrive in satisfactory condition, or should there be mistakes or shortages in your order let me know at once and new plants will be sent or money refunded, as you prefer. I do not guarantee the hardiness or growth of any variety of seeds or plants other than as above, nor will I be liable for a greater sum than the original cost of the plants or seeds.

W. A. TOOLE, of Garry-nee-Dule.

# My Friendship Offer

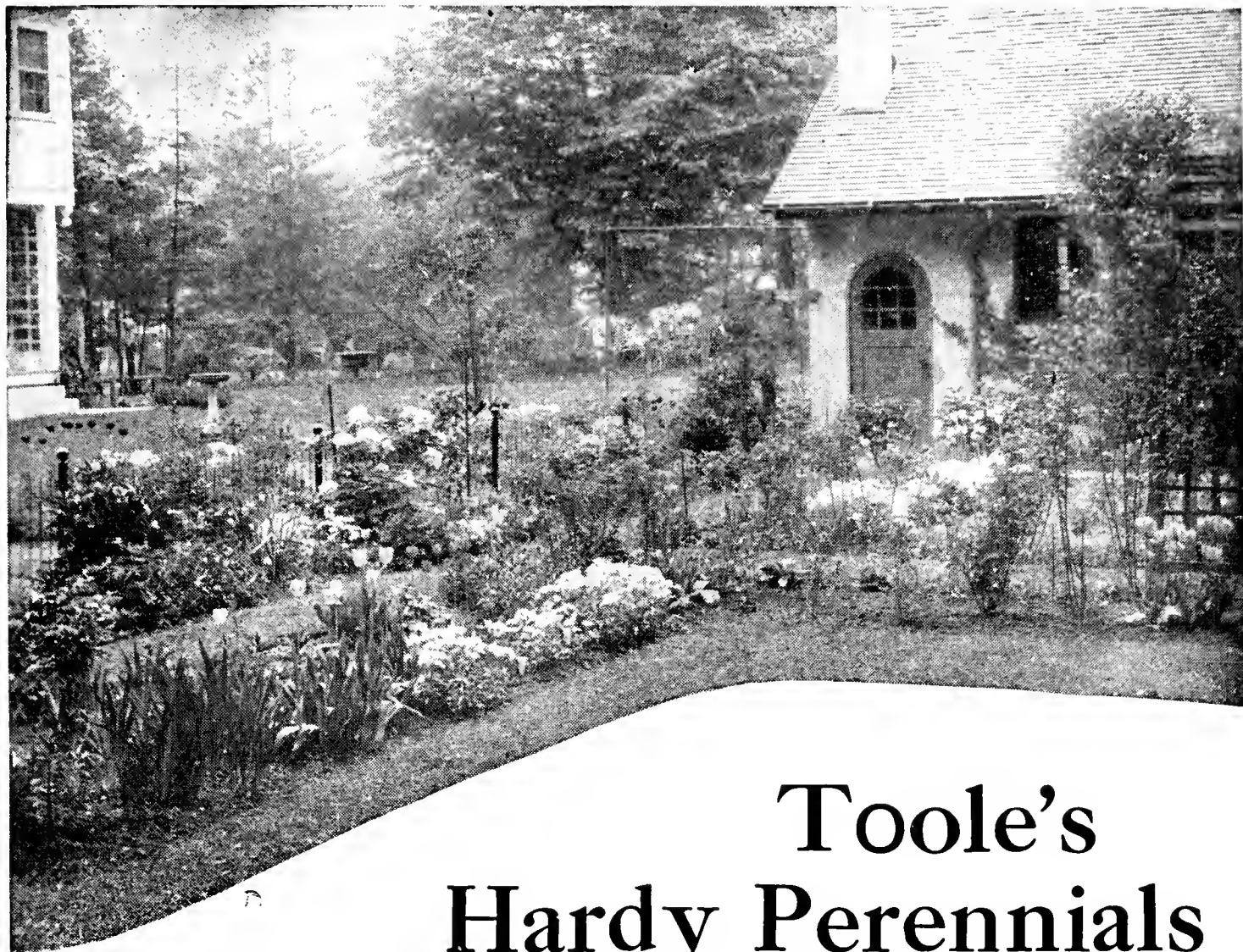
To show my appreciation to my flower-loving friends, to those who order to the amount of FIVE DOLLARS or over, I make the following SPECIAL FRIENDSHIP OFFER:



I will GIVE YOU ONE STRONG FIELD CLUMP OF BLEEDING HEART WITH EACH ORDER FOR PLANTS OR SEEDS AMOUNTING TO \$5 OR OVER, or you may select any 50c value in plants or seeds that you wish. BE SURE TO SPECIFY FRIENDSHIP OFFER ON YOUR ORDER.

For each additional five dollars worth you may include an extra fifty cents worth of plants or seeds. This offer applies, however, ONLY when CASH accompanies the order.—W. A. TOOLE.





# Toole's Hardy Perennials

FOR ROCK GARDEN PLANTS SEE PAGE 14; FOR WILD FLOWERS SEE PAGE 22.

## GROWING HINTS

### PREPARING THE SOIL FOR PLANTING PERENNIALS

All plants have some certain preferences as to soil, shade and drainage, when growing wild, but practically all of them do well in our gardens in almost any soil if they have enough fertility and moisture. So, before you plant your garden, be sure the soil is well prepared and that it has been made rich and fertile. An inch or two of black dirt on top of filled-in soil from cellar excavations is not enough. Be sure that plenty of well-rotted manure is worked into the soil, or, if that is not available, make judicious use of commercial fertilizer.

Keep soil around plants well watered to preserve moisture. During a severe dry spell, soak plants thoroughly, and as soon as ground is dry enough, stir the surface. Superficial surface sprinkling is worse than no water at all. I shall be glad to have you write me about any special problems you may have and will gladly answer your inquiries.

### A FEW POINTS ON WINTERING PERENNIALS

A great many Perennials are quite hardy as far as cold is concerned, but do not take kindly to a covering of ice which excludes air during the winter, so when planting and preparing for your garden, make provision so that surface water will have a chance to run off. Do not let your winter protection cut off all air. Unless coarse litter is used, it is better to cover plants first with brush. Do this after the ground is well frozen, and do not remove covering until alternate freezing and thawing has ceased in the spring.

### ACHILLEA

**PTARMICA. PERRY'S DOUBLE WHITE.** Clusters of double white flowers. An excellent flower for cutting, very hardy. Flowers from June to September. Useful in the perennial border and attractive in the larger rock garden or bordering a pool. 12-18 inches. Each 25c; 3 for 65c; \$2.50 per dozen.

**MILLEFOLIUM ROSEUM** (Rosy Milfoil)—Old rose, June through summer. 18-24 inches. Does well in dry situations. Each 20c; 3 for 50c; \$1.75 per dozen.

### ACONITUM (Aconite)

Aconites prefer a heavy soil and do well in partly shaded situations.

**AUTUMNALE**—A variety from North China, flowering in September with pale blue or purple flowers. Each 35c; 3 for 95c; \$3.50 per dozen.

**SPARKS VARIETY**—Very dark blue flowers on slender stems in June. 30 inches. 35c each; 3 for 95c; \$3.50 per dozen.

### AGROSTEMMA

**CORONARIA** (Mullein Pink)—Silvery foliage and bright rosy-crimson flowers in June and July. 2½-3 ft. Biennial. Each 20c; 3 for 50c; \$2.50 per dozen.

### ANCHUSA

**ITALICA DROPMORE VARIETY** (Italian Bugloss)—Planted in masses in hardy border, this deep blue Anchusa is very striking. Valuable because it is the first tall blue flower in the hardy border. Late May and early June. 3-5 ft. Each 20c; 3 for 50c; \$2.00 per dozen.

### ANEMONE

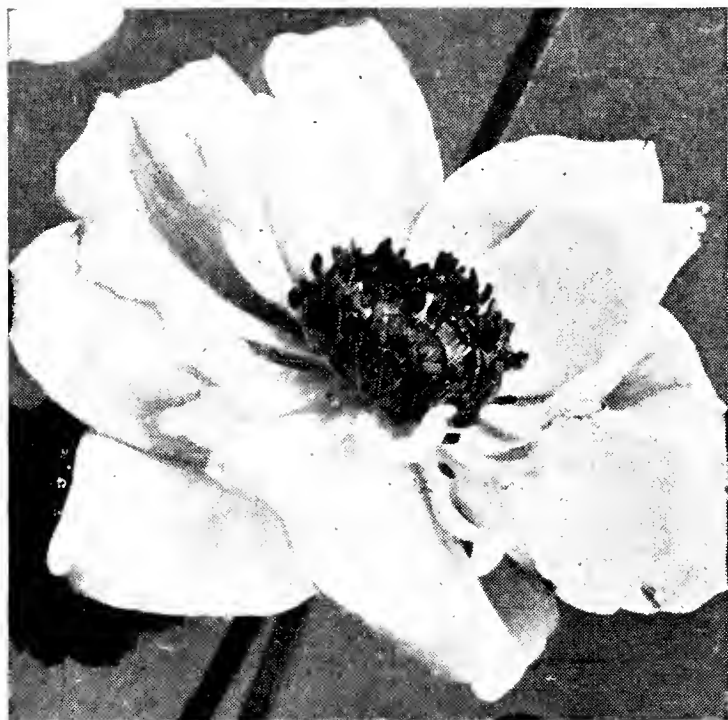
**JAPONICA** (Japanese Anemone)—While somewhat lacking in hardiness in our severe climate, they will winter over safely if in a protected place and if given a heavy covering of leaves or straw. Valuable because they flower late, from August to frost. They succeed in any good garden soil. Strong plants from three-inch pots.

—**ALBA**—Large snowy white.

—**ALICE**—This is on the style of the variety Queen Charlotte, the flowers when first opening have the form of a rose; as they expand the silvery rose shell-like petals become suffused with fresh carmine.

**HUPEHENSIS**—18-24 inches. Mauve rose. August to frost.

ABOVE PRICES INCLUDE EXPRESS OR PARCEL POST PREPAID TO YOUR DOOR.



Anemone Japonica

**PRINCE HENRY**—Very free flowering double rich deep pink.

**QUEEN CHARLOTTE**—Very large semi-double flowers of a delicate LaFrance pink.

**RICHARD AHREND**S—Large single shell-pink flowers. Very fine.

**RUBRA**—Grows only 15 to 18 inches high, semi-double rose red flowers; very free.

**WHIRLWIND**—Large semi-double white.

Any of above varieties, 25c each; 3 for 65c; \$2.50 per dozen; \$15 per 100. **ONE EACH EIGHT VARIETIES \$1.65.**

### ANTHEMIS (Golden Marguerite)

**TINCTORIA KELWAYI**—Yellow daisylike flowers from late June through the summer. Does well under very sunny, dry conditions. 15-24 inches. Each 25c; 3 for 65c; \$2.50 per dozen.

### ARTEMESIA

**ABROTANUM** (Old Man, or Southernwood)—Greyish, finely cut foliage. Flowers inconspicuous. Shrubby in character and sometimes used for a low hedge. 2-3 ft. 20c each; 3 for 50c; \$2.00 per dozen.

### AQUILEGIA (Columbine)

**LONG SPURRED HYBRIDS** (Mrs Scott Elliott Strain)—Pink and white, pink and yellow, blue and white, cream and blue, shades and tints of purple and red and orange, in the greatest variety. Late May, early June. 18-30 inches. 25c each; 3 for 65c; \$2.50 per dozen; \$15 per 100.

**CANADENSIS** (American Columbine)—A native here on the edges and in crevices of our quartzite cliffs, where the red and yellow flowers appear in late May or early June. Appears to fine advantage topping a rockery in rather poor soil. 25c each; 3 for 65c; \$2.50 per dozen; \$15.00 per 100.

**CHRYSANTHA** (Golden Columbine)—The long spurred golden flowers, appearing later than other varieties and flowering longer. Tall, long lived. June. 24-36 inches. 25c each; 3 for 65c; \$2.50 per dozen.

**COERULEA** (Rocky Mountain Columbine)—In most gardens appears to be only biennial but should last longer if given a medium acid soil and partial shade. The long spurred blue and white flowers are very beautiful. June. 12-20 inches. 25c each; 3 for 65c; \$3.50 per dozen.

**NIVEA** (White Columbine)—A short spurred white variety flowering in June. 18-24 inches. 25c each; 3 for 65c; \$2.50 per dozen.

**SKINNERII** (Mexican Columbine)—Long red spurs and greenish orange flowers. Likes a light soil in the sunny border. July 1-2 ft. 25c each; 3 for 65c; \$2.50 per dozen.

### ARTEMESIA (Continued)

**LACTIFLORA** (White Mugwort) — Masses of buckwheat scented small creamy white flowers in August and September. Beautiful in the border and most useful to cut and mix with larger flowers. Not always hardy here but easily lifted and stored in a cellar. 3-4 ft. 20c each; 3 for 50c; \$2.00 per dozen.

**SILVER KING**—Valuable for the silvery effect of the foliage, especially when combined with plants or cut flowers of a delicate shade. The branches may be cut and used fresh with cut flowers or dried and used with fresh flowers during the winter. 2-3 ft. 25c each; 3 for 65c; \$2.50 per dozen.

### ASTER (Michaelmas Daisy)

**ACRIS**—This attractive variety forms a mass of medium-sized light blue flowers in September. Foliage which is fine and dense is attractive during the earlier part of the season. 20-30 inches. 25c each; 3 for 65c; \$2.50 per dozen.

**CLIMAX**—The large light blue flowers with yellow centers are very attractive in the border in September and it also makes a very desirable cut flower. If divided in the spring and cut back a little to force a branching habit, these plants may be potted in the fall for porch or house decoration and will last a surprising length of time. 3-4 ft. 25c each; 3 for 65c; \$2.50 per dozen.

**NOVAE ANGLIAE** (New England Aster)—The deep purple form of this variety seems to be the common type of this around here. My father was much interested in this particular species and gathered together many variable forms which were allowed to cross, naturally bringing further variations so that our stock of this species now shows a wonderful range of color from nearly white through pink and lavender to rose, light blue to purple and deep rose or red. R. S. Sturtevant suggests using the various colors as background for Iris plantings. Bend forward and stake down some of the stalks among the Iris after the flowering season of the Iris. This fills in the space vacated by the Iris, and adds much to the display made by the Asters. Mixed colors. 4-6 ft. 25c each; 3 for 65c; \$2.50 per dozen.

To beginners and even more seasoned gardeners I recommend my Special Offers. They help you to save money, and the selections are carefully planned.



Aquilegia Long Spurred Hybrids

ABOVE PRICES INCLUDE EXPRESS OR PARCEL POST PREPAID TO YOUR DOOR.



**ORIGINATIONS OF WM. TOOLE, SR. —**

Among our native Asters none are more lovely than the beautiful Aster Novae Angliae. The type is rich deep purple, but there is considerable tendency to vary. This was one of the plants with which my father loved to work and a few years ago we selected from his seedlings a few varieties that were most distinct and pleasing. Here are the five kinds selected:

**SPARKLING SPRAY**—White tinted with pink.

**MRS. WM. TOOLE, SR.**—Bright red.

**BARABOO BEAUTY**—White, tinted with rose.

**MRS. ALFRED RICH**—Deep rose.

**PURPLE PRIDE**—Rich blue purple.

Any variety of the above: Each, 50c; \$5.00 per dozen. One each of the five kinds, \$2.00

**ASTILBE**

**JAPONICA**—This is one of the few attractive perennials that thrive in moderate shade. Perfectly hardy. Large plummy heads of white or pink flowers in June or early July. 12-30 inches. Prices on either pink or white 50c each; 3 for \$1.25.

**BAPTISIA**

**AUSTRALIS** (Wild Indigo)—An upright growing plant with attractive foliage all summer. Very hardy. Blue lupine-like flowers. 3-4 ft. 25c each; 3 for 65c; \$2.50 per dozen.

**BOCCONIA**

**CORDATA** (Plumepoppy)—A really good plant for the back of the border that should be planted more. Established plants reach a height of six feet or more with large scalloped leaves giving a tropical effect. The creamy-white flowers are borne on panicles above the leaves, followed by the equally ornamental buff-colored seed vessels. Excellent as a cut flower also, especially for decorative effects. July-August. 6 ft. Each 25c; 3 for 65c; \$2.50 per dozen.

**BOLTONIA**

**ASTEROIDES**—Flowers about same time as Wild Asters and looks very much like them. In September a mass of it in bloom looks like a snowbank. To keep the Boltonia in good condition, clumps should be divided and reset every spring or at least every other year. Color white. 5-6 ft. Divisions. Each 20c; 3 for 50c; \$2.00 per dozen.



Boltonia  
Latisquama

feet. September-October. Divisions. Each 20c; 3 for 50c; \$2.00 per dozen.

**BUDDLEIA (Summer Lilac)**

**VARIABILIS MAGNIFICA** (Orange Eye Butterflybush)—Lilac colored panicles 4 to 6 inches long. Blossoms from July to September. Really a shrub in character. Small plants from pots. 25c each; 3 for 65c; \$2.50 per dozen. Year old plants, 50c each; 3 for \$1.25.

**CAMPANULA**

**MEDIUM** (Canterbury Bells)—These are biennials. They make a brilliant show in the garden and are also valuable for cutting. Strong plants, in mixed colors, or rose, blue, and white, separate. Each 20c; 3 for 50c; \$2.00 per doz.

**M E D. CALY-CANTHEMA** (Cup and Saucer) — Mixed colors, beautiful form of Campanula Medium. Each 20c; 3 for 50c; \$2.00 per dozen.

**PERSICAEFOLIA** (Peach Bell) — The waxy flowers of this variety are most valuable for cutting as well as attractive in the border. One of the most beautiful perennials. Hardy but needs dividing every year or two to keep its strength. June. Blue or white. 18 to 30 inches. Each 25c; 3 for 65c; \$2.50 per dozen.



Campanula Persicaefolia  
Peach Bell

**CENTAUREA**

**DEALBATA** (Persian Centaurea)—Rose colored flowers. 24-30 inches. June and July. 20c each; 3 for 50c; \$2.00 per dozen.

**MACROCEPHALA** (Golden Powder Puff)—Big heads of fluffy yellow flowers in July. Plants 4-5 feet. The brown globe-shaped buds are as ornamental as the flowers. 20c each; 3 for 50c; \$2.50 per dozen.

**MONTANA** (Mountain Bluet)—Much like the Blue Bachelor Button, but the flower stems are heavier. 24-30 inches. May and June. 25c each; 3 for 65c; \$2.50 per dozen

**HARDY CHRYSANTHEMUMS**

Hardy Chrysanthemums are very satisfactory in the protected border if the season is long enough to permit flowering before winter weather sets in. Better results will be obtained if the old plants are divided and reset each spring. Plants supplied are from 2¼ inch pots and only in the spring. Price, any variety. 20c each; 3 for 50c; \$2.00 per dozen.

**LARGE FLOWERED KINDS**

**ANGEL**—Pink.

**AUTUMN GLOW**—Light pink.

**JULIA MILLER**—Bronze.

**JAPANESE YELLOW**—Very good early.

**GOLDEN QUEEN**—Yellow.

**HOMESTEAD**—Pink.

**OCONTO**—White.

**QUAKER MAID**—Pink.

**BUTTON**

**NELLIE RAINSFORD**—Light pink.

**INEZ**—Scarlet, bronze and rose.

**GOLDEN WEST**—Yellow.

**PINK DOTY.**

**WHITE DOTY.**

**EARLY YELLOW.**

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**CHRYSANTHEMUM (Daisy)**

**"ALASKA" SHASTA DAISY**—The fame of Burbank has made this large flowered daisy well known. Long white petals and moderate size yellow disk, or center. July. 20-30 inches. 20c each; 3 for 50c; \$2.00 per dozen.



Shasta Daisy

**COREANUM (Korean Daisy)**—A white daisy, faintly flushed with pink, the last daisy to flower in the garden. The fresh, clean looking flowers are very welcome after several frosts have destroyed most of the beauty of the garden. October. 24-30 inches. New. 25c each; 3 for 65c; \$2.50 per dozen.

**LEUCANTHEMUM, or MEMORIAL DAISY**—A very hardy early-flowering daisy. While the flower is not so large as the later flowering varieties, its earliness (flowering here about Memorial Day), makes it a desirable variety. Good long stems for cutting. 15-20 inches, white. Late May and June. 20c each; 3 for 50c; \$2.00 per dozen.

**MAXIMUM KING EDWARD VII (Moonpenny Daisy)**—A large white daisy, flowering in July on stiff erect stems. 24-30 inches. 20c each; 3 for 50c; \$2.00 per dozen.

**CLEMATIS**

**RECTA**—Clusters of fragrant white flowers in June and July. Flowers like the climbing Clematis Paniculata. 2-3 ft. Each 50c; 3 for \$1.25.

**DAVIDIANA**—Tubular bell-shaped flowers of deep lavender blue in late summer. Fragrant. 2 feet. Each 50c; 3 for \$1.25.

**CONVALLARIA**

**MAJALIS (Lily of the Valley)**—Everybody's favorite. Easy to grow. Loves a partly shaded location. Single plants. 10c each; 3 for 25c; \$1.00 per dozen.

**DIANTHUS**

For other Dianthus see Rock Garden Section.

**BARBATUS (Sweet William)**—This easily grown old favorite of grandmother's garden offers such a glorious display of varied color it deserves a place in every summer garden. June. 12-18 inches. 3 for 50c; \$2.00 per dozen.

**BEATRIX**—A new variety of Dianthus that gave a favorable impression in our trial garden the past summer. There are several flowers on a stem of a lovely watermelon pink color. The flowers are double and about the size of a quarter dollar. Flowers irregularly all summer. Sun and good soil. 12-15 inches. Each 35c; 3 for 95c; \$3.50 per dozen.

**LATIFOLIUS ATROCOCCINEUS (Everblooming Sweet William)**—Heads of crimson flowers for a long period during the summer. Each 20c; 3 for 50c; \$2.00 per dozen.

**NAPOLEON III**—I am not sure if this plant is correctly named. Our original stock was given us by a farmer-neighbor, who, like many others, has used it both as a house plant and a hardy perennial. Double crimson flowers always in bloom. 12-15 inches. Each 35c; 3 for 95c; \$3.50 per dozen.

**PLUMARIUS (Hardy Garden Pink or Clove Pink)**—Beautiful clove-scented blossoms. Useful for cutting and for bright spot in garden. June. Mixed colors, double and single. 12 inch. 25c each; 3 for 65c; \$2.50 per dozen.

**DICENTRA**

**SPECTABILIS (Bleeding Heart)**—Graceful arching spikes of pink heart-shaped flowers in May. 18-30 inches. Foliage ripens off early in summer. Field clumps. 50c each; 3 for \$1.25. "Baby" plants that will flower first year, 20c each; 3 for 50c; \$2.00 per dozen.

**EXIMIA (Fringed Bleeding Heart)**—See Rock Garden Section.

**DIGITALIS**

**GLOXINAEFLORA (Foxglove)**—Although this well known favorite is a biennial it is almost a necessity in any hardy garden where it will do well either in an open, sunny place or in partial shade, or it may be naturalized in open woodland places. I offer it in mixed colors, white, pink, and purplish rose. 2-4 ft. June-July. 25c each; 3 for 65c; \$2.50 per dozen.



Coreopsis

**COREOPSIS**

**LANCEOLATA (Tickseed)**—A graceful, clear yellow daisy-like flower, valuable for cutting or the hardy border. If not allowed to develop seeds, it will flower freely from June throughout most of the summer. 2-3 ft. 20c each; 3 for 50c; \$2.00 per dozen.

ABOVE PRICES INCLUDE EXPRESS OR PARCEL POST PREPAID TO YOUR DOOR.



## GARRY-NEE-DULE DELPHINIUMS

When the spring flower season opens, we are eager to see the first flowers of each succeeding variety, for these old friends are all most welcome, but I look forward with special pleasure to seeing the Delphiniums. Out of the thousands we grow, a few of the first are often a disappointment, but later plants unfold their flowers in a multitude of shades and color combinations and types of flower heads. No two plants of Hybrid Delphiniums seem exactly alike.

The beauty and variety of coloring in the individual flowers makes them most attractive at close range while the impressive stateliness of the plants makes the Delphinium the most important plant of the hardy garden during its season.

**BELLADONNA** (Everblooming Larkspur)—If supplied with plenty of moisture, Delphinium Belladonna often flowers three times during the summer, provided the old growth is cut away when the flowers have withered. Because of the loose arrangement of the flowers on the stalk, this variety is more used for cut flower purposes than any other. Beautiful sky blue. 30-40 inches. June to frost. 20c each; 3 for 50c; \$2.00 per doz.

**BELLAMOSUM**—There is also a dark blue type of the Belladonna known as "Bellamosum", which is identical with the light blue except as to color. 25c each; 3 for 65c; \$2.50 per dozen; \$15.00 per 100.

**BLACKMORE AND LANGDON**—Large flowered English Hybrids, with single and semi-double flowers. Clear attractive colors ranging from light blue or lavender to deep purple, many contrasting petals of light mauve or plum. I think these are the most attractive of the English Hybrids. Mixed colors, 50c each; \$5.00 per dozen; \$35.00 per 100.

**GARRY-NEE-DULE HYBRIDS**—Wonderfully beautiful flowers ranging from lightly tinted lavender through many shades of blue to deep purple. Some are bi-colored with tints of mauve and plum as well as blue. Some have white centers and some have black or brown "Bees" in the center. A dozen of these plants will give a fascinating variety of colors and forms. Price 25c each; 3 for 65c; \$2.50 per dozen; \$15.00 per 100.

**GARRY-NEE-DULE WHITE HYBRIDS**—A tall growing white hybrid Delphinium with single flowers. 50c each; \$5.00 per dozen.

**WREXHAM OR HOLLYHOCK FLOWERED**—We have a few hundred plants of mixed Wrexham Delphiniums. Many of these are wonderful in the size of flower and color markings, some of course are not so large, but all are very beautiful. Our own experience is that any of the English Hybrids lack somewhat in hardiness in our climate. Mixed colors. 50c each; \$5.00 per dozen; \$35.00 per 100.



A Garry-nee-Dule Delphinium

### "BABY" DELPHINIUMS

These are young plants, started from seed in the greenhouse during the winter and potted into 2½ inch pots. While the plants are small they are nevertheless in good growing condition and with reasonable care will flower the first summer in August or September. Many people are more successful with the small plants than with the large clumps. Prices: Belladonna, Bellamosum and our Garry-nee-Dule Blue Hybrids, 3 for 40c; \$1.50 per dozen; \$10 per 100. Summer Cloud White Hybrids, Wrexham Hybrids, and Blackmore and Langdon, 3 for 50c; \$2 per dozen; \$12 per 100.

### DORONICUM

**EXCELSUM** (Leopard's Bane)—Large, yellow, daisy-like flowers on long stems and large, coarse leaves. Flowers very early, in fact competing with the glory of the Dandelion. For the border or the larger rock garden. Must have the best of drainage around the crown to winter well. 12-24 inches. May-June. Each 35c; 3 for 95c; \$3.50 per dozen.

### ECHINOPS

**RITRO** (Globe Thistle)—Round ball-shaped steel blue flower heads that may be dried for winter. Coarse thistle-like leaves. 2-3 ft. July and August. 25c each; 3 for 65c; \$2.50 per dozen.

### ERYNGIUM

**AMETHYSTINUM** (Sea Holly)—Flowers and stems are a steel-blue color, with prickly holly-like leaves on the lower flower stems. Effective in the border and can be cut and dried for winter use. 20-30 inches. July and August. 20c each; 3 for 50c; \$2.00 per dozen.

### FILIPENDULA

**HEXAPETALA**—Graceful fernlike foliage and creamy white flowers on stems 12-18 inches tall. Effective in the rock garden and in the border. Each 35c; 3 for 95c; \$3.50 per dozen.

**PURPUREA** (Meadow Sweet—Queen of the Prairie)—Also often listed as Spiraea. Large panicles of deep pink flowers in June and July. Does well in the open perennial border, but thrives best in a moist spot. Grows also in partial shade. 2-4 ft. Each 35c; 3 for 95c.

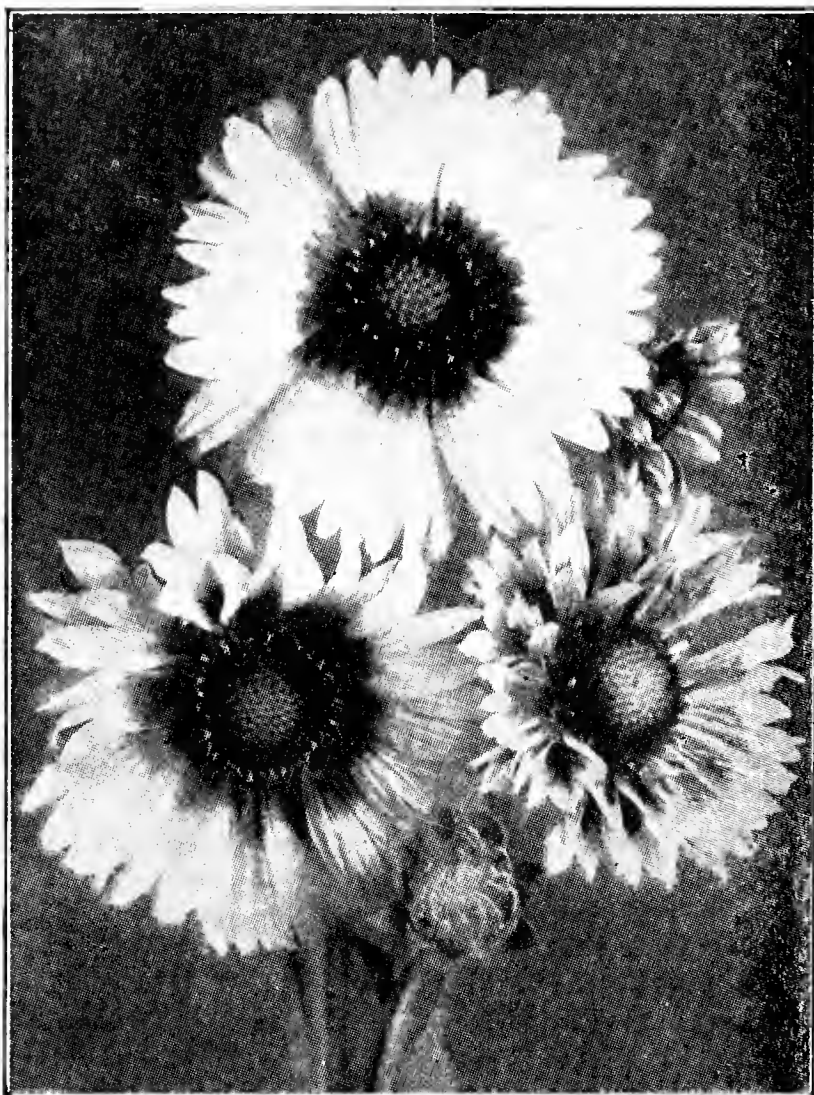
### FUNKIA (Plantainlily)

**COERULEA**—Broad green leaves, blue or purple flowers in June. All Funkias are good for sun or shade. 35c each; 3 for 95c.

**LANCEOLATA**—Lilac flowers in September. Also for the shaded rock garden. 12-18 inches. 25c each; 3 for 65c; \$2.50 per dozen.

**NOTE OUR FRIENDSHIP OFFER ON INSIDE OF FRONT COVER.**

ABOVE PRICES INCLUDE EXPRESS OR PARCEL POST PREPAID TO YOUR DOOR.



Gaillardia Grandiflora

**GAILLARDIA**

**GRANDIFLORA** (Blanket Flower)—One of the most desirable of the hardy plants, as it is one of the few perennials that flower all summer. Flowers in different combinations of yellow, orange, maroon and red. Invaluable for cutting. As a bedding plant also good, and showy. 20-30 inches. Each 20c; 3 for 50c; \$2.00 per dozen.

**GYPSOPHILA (Baby's Breath)**

**PANICULATA** (Single)—Tiny white flowers giving a mist-like effect. Is very useful in summertime to use with other cut flowers, and may be dried for winter bouquets. July. 24-30 inches. 20c each; 3 for 50c; \$2.00 per dozen.

**BRISTOL FAIRY**—The flowers of Bristol Fairy, Double Baby's Breath, are larger than the old variety, but best of all is its long blooming season, as it keeps a steady succession of lacy-white flowers from June to early September. Attractive in the garden and most useful in cut flower arrangements in combination with larger flowers. Small grafted plants. 50c each; 3 for \$1.25; one year old plants, 75c each; 3 for \$2.00.

**REPENS**—See Rock Garden Section.

**HELIOPSIS**

**PITCHERIANA** (Orange Sunflower) — Yellow daisy-like flowers on stiff stems. For back of border and good for cutting. 3-5 ft. July-August. 25c each; 3 for 65c; \$2.50 per dozen.

**HEMEROCALLIS (Yellow Day Lily)**

**FLAVA** (Lemon Lily)—Sweet scented clear yellow. The Day Lily that is most satisfactory as a cut flower. 2 1-2 feet. 25c each; 3 for 65c; \$2.50 per dozen.

**FULVA** (Orange Lily)—Copper orange. 3 ft. July. 25c each; 3 for 65c; \$2.50 per dozen.

**GOLD DUST**—Bright yellow, buds and reverse petals bronze. 2 1-2 ft. June. 25c each; 3 for 65c; \$2.50 per dozen.

**KWANSO FL. PL.**—Double orange flowers with dark shadings. 4 ft. July and August. 25c each; 3 for 65c; \$2.50 per dozen.

**THUNBERGI**—Lemon yellow flowers. Flowers freely during July. 4 ft. 25c each; 3 for 65c; \$2.50 per dozen.

**BETSCHER'S HYBRID HEMEROCALLIS**

For three years we have tried out a number of new Hybrid Hemerocallis originated by C. Betscher. We have found them very fine and an improvement in both size and coloring over the old types.

**GOLDENI**—A large clear yellow.

**GYPSY**—Somewhat dwarf, orange colored flowers.

**MRS. W. H. WYMAN**—A large yellow with a golden tint.

**J. A. CRAWFORD**—Very large yellow flowers.

**LEMONA**—Large lemon yellow.

**THE GEM**—A stocky growing yellow variety.

**DONALD WYMAN**—More distinctly red than H. fulva.

Prices: Strong divisions, as long as my supply lasts, \$1.00 each.

**HOLLYHOCKS**

Tall growing plants for the back of the perennial border, too well known to need description. 5-7 ft.

July. Many colors. Double, mixed colors or crimson, pink salmon, rose, yellow or white separate. Each 20c; 3 for 50c; \$2 per dozen; \$12 per 100. Single mixed, each 20c.

**INCARVILLEA**

**DELAVAYI** (Hardy Gloxinia)—Large rose-pink gloxinia-like flowers with yellow throats. June and July. 18 inches. 35c each; 3 for 95c; \$3.50 per dozen.

**LATHYRUS**

**LATIFOLIUS** (Perennial Pea) — Easily grown, will do well in shade. 6 ft. Flowers in July and August. A vinelike plant. Useful in very large rockeries or in border if given something to climb over. 25c each; 3 for 65c; \$2.50 per doz.

**LAVATERA**

**THURINGIA** — Pink flowered perennial, hardy, discovered by Professor Hansen in Siberia. Has much the same appearance and style of growth of the annual Lavatera, resembles a small single pink Hollyhock of bushy growth. New. 3-5 ft. Pink. July-August. Each 35c; 3 for 95c; \$3.50 per dozen.

**LINUM**

**PERENNE** (Flax)—During late spring and early summer a group of these will be a mass of blue in the morning, the flowers dropping about ten o'clock, revealing the beautiful foliage, to be followed by another mass of blue the next morning. For the border or larger Rock Garden. June-August. 18-24 inches. Each 20c; 3 for 50c; \$2.00 per dozen.

**LYSIMACHIA (Loosestrife)**

**CLETHROIDES**—Long spikes of white flowers lightly drooping at the tips. For cut flowers or hardy border. 2-3 ft. July-August. Each 35c; 3 for 95c; \$3.50 per dozen.

**FRAZERI**—Yellow flowers in July. Slender growth. 2-3 ft. Each 35c; 3 for 95c; \$3.50 per dozen.

**PUNCTATA**—Spikes of yellow flowers in June when the hardy border is often lacking color. 2-4 ft. Each 35c; 3 for 95c; \$3.50 per dozen.

**LYTHRUM**

**ROSEUM** (Rose Loosestrife)—Thriving in any situation. Good for waterside planting. Spikes of rose-colored flowers in July and August. I am informed this plant will do well even in shallow water. 2-3 ft. Each 25c; 3 for 65c; \$2.50 per dozen.

**LYCHNIS (Campion)**

**CHALCEDONICA** (Maltese Cross)—Heads of brilliant scarlet flowers that are very striking. Combined with Achillea and the Blue Delphinium, the cut stems form an ideal patriotic bouquet on July 4. Blossom in July. 2-3 ft. 25c each; 3 for 65c; \$2.50 per dozen.

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# Toole's Choice Iris

The Iris is one of the indispensable flowers in the hardy garden with its attractive foliage, and wealth of flowers in a wide range of colors and tints. Irises in their various types and species are useful in many ways. The bearded varieties, besides their place in the hardy garden or border, are very effective as a border to walks and drives, while the dwarf kinds find their place in the rock garden. The graceful foliage of the siberica varieties seems to fit them specially for waterside planting. Iris pseudoacorus and our native versicolor both do well in wet places, even in shallow water. Japanese Iris require acid soil to succeed with them.

The following varieties we have found to be well worth growing in the hardy garden. If you are uncertain about what to select, try one of our Special Iris Gardens which provide a satisfactory variety at a low price.

## GARRY-NEE-DULE IRIS GARDEN

One each of the following choice varieties for \$3.50. A selection fit for any garden.

Ambassadeur	Princess Beatrice
Georgia	Prosper Laugier
Lent A. Williamson	Seminole
Morning Splendor	Shekinah
Mother of Pearl	Steepway

## IRIS

S. is for standards or upright petals. F. for falls or lower petals.

**AMBASSADEUR**—S. smoky purple, F. velvety purple-maroon. Beards yellow. Each 50c; 3 for \$1.00.

**AUREA**—A good clear yellow self. Each 25c; 3 for 50c.

**BELLADONNA**—A very early plicata white with blue markings. Each 25c; 3 for 50c.

**CAPRICE**—S. rosy-red, F. deeper shading towards white at center. Each 25c; 3 for 50c.

**DR. BERNICE**—An old variety with smoky yellow standards and bronzy maroon falls. Each 25c; 3 for 50c.

**GEORGIA**—Bright rose with orange beard. Each 50c; 3 for \$1.00.

**GERTRUDE**—A good deep blue or purple, self-colored Iris, flowering with the Sherwin Wright. Each 25c; 3 for 50c.

**LENT WILLIAMSON**—S. broad, soft lavender violet, F. very large, velvety lavender purple. Each 50c; 3 for \$1.25.

**LORELY**—S. light yellow, F. violet purple edged yellow. Each 25c; 3 for 50c.

**MAD. CHEREAU**—An old variety but cherished in many gardens. White with a feathered edge of blue. Each 25c; 3 for 50c.

**MARY GARDEN**—S. and F. pale yellow flushed and speckled with maroon. Each 25c; 3 for 50c.

**MORNING SPLENDOR**—S. petunia violet, F. velvety raisin purple. Each \$1.00.

**MOTHER OF PEARL**—S. and F. bluish lavender with a faint creamy undertone. Each 50c; 3 for \$1.00.

**MRS. ALAN GRAY**—Early free flowering variety with soft pinkish lilac coloring. Good for mass planting. Each 25c; 3 for 50c.

**MRS. NEUBRONNER**—S. and F. light yellow. Each 25c; 3 for 50c.

**ODORATISSIMA**—A clear self-colored lilac purple, sweet scented. Each 25c; 3 for 50c.

**PARC DE NEUILLY**—A large self-colored dark purple. Each 25c; 3 for 50c.

**PERFECTION**—S. blue, F. dark velvety black. Midseason. Each 25c; 3 for 50c.

**PRINCESS BEATRICE**—Sweet scented soft lavender of large size. Each 35c; 3 for 70c.

**PROSPER LAUGIER**—S. light bronze red, F. velvety ruby purple, orange beard. Each 35c; 3 for 70c.

**QUAKER LADY**—S. smoky lavender shaded yellow, F. blue and old gold with yellow markings at base. Each 25c; 3 for 50c.

**RHEIN NIXIE**—An always popular variety. S. bluish white. F. violet blue with white margin. Each 25c; 3 for 50c.

**SEMINOLE**—Rich velvety crimson bi-color. Each 50c; 3 for \$1.00.

**SHEKINAH**—Tall growing. Pale yellow with shading to amber in the throat. Each 50c; 3 for \$1.00.

**SHERWIN WRIGHT**—Free flowering bright yellow. Hardy and good for mass effect. Each 25c; 3 for 50c; \$1.75 per dozen.

**STORM CLOUD**—S. slaty gray; F. bronze and purple. Large flowers. Each 25c; 3 for 50c.

**STEEPWAY**—A smooth, red tinted flower with reflections of peacock blue, apricot and green. A very beautiful Iris. Each 50c; 3 for \$1.00.

**WYOMISSING**—S. creamy white, suffused with rose. F. rose base shading to flesh colored border. Each 25c; 3 for 50c.

## BARABOO IRIS GARDEN

One each of 10 popular varieties for \$1.75.

Aurea	Quaker Lady
Caprice	Rhein Nixie
Gertrude	Sherwin Wright
Lorely	Taffeta
Mrs. Alan Gray	Wyomissing

## OTHER IRIS

**A. W. TAIT**—Luxuriant foliage, pale blue flowers late in June. 25c each; \$2.50 per dozen.

**PSEUDO-ACORUS** (Yellow Water Iris) — Has bright yellow flowers. 3 ft. 25c each; \$2 per dozen.

**SIBERICA ALBA** (Snow Queen)—Ivory white. 25c each; \$2 per dozen.

**SIBERICA ORIENTALIS**—A brilliant blue. 15c each; \$1.50 per dozen.

**VERSICOLOR**—Violet blue flowers. This and the preceding varieties are the only Irises that may be safely planted where water stands most of the time. 20c each; \$2 per dozen.

**DWARF IRIS**—See Rock Garden Section.

**JAPANESE IRIS**—Mixed seedlings in a wide variety of colors. Each 25c; 3 for 50c; \$2 per doz.

## MIXED IRIS

To those who want a few Irises for mass planting but do not care for varieties, we offer a **VERY FINE MIXTURE** at **SIX FOR 40c; 75c PER DOZEN; \$5 per 100.** Not less than six sold at this price.

**IRISES**, by F. F. Rockwell. A handy guide which will bring success with Irises and show new uses and effects possible in your garden. 54 illustrations, 80 pages. \$1.15.

ABOVE PRICES INCLUDE EXPRESS OR PARCEL POST PREPAID TO YOUR DOOR.





*Lilium Speciosum Rubrum*

**AURATUM** (Gold Banded Lily)—Flowers are white, dotted crimson, with a gold stripe down the center of each petal. Fragrant. These bulbs often arrive too late for fall planting, in which case we ship them in the spring. 35c each; \$3.50 per dozen.

**BATEMANNIAE**—Late July and August. Pale orange, red or apricot, sometimes tinged with pink, anthers red. Easily grown. Hardy. 2-4 ft. Bulbs 50c each.

**CANDIDUM** (Madonna Lily)—Clear waxy flowers, fragrant. The bulbs should be planted in August. Flowers in June. Large bulbs, 50c each; \$5 per dozen.

**ELEGANS**—Flowers held erect on the stem, orange slightly spotted with purplish-black. 1-2 ft. June-July. 25c each; \$2.50 per dozen.

**HENRYI**—Flowers orange yellow slightly spotted reddish brown. Sometimes called the yellow *L. speciosum*. Tall growing. 4-8 ft. August-Sept. Strong bulbs, 75c each.

**KRAMERI** (Japonicum)—June to early July. Pale blush to rose pink, anthers red. Fragrant. Will not stand excessive moisture. Hard to establish in open ground. 2-4 ft. Bulbs, 50c each.

**PHILADELPHICUM**—A native lily, growing in acid, sandy soil in open or in light shade. Yellow or orange upright cup-shaped flowers. July. 3 ft. Each 25c; \$2.50 per dozen.

**REGALE** (Regal Lily)—White shading to yellow in center and tinted pink on outside. Flowers in July. Bulbs may be planted in the spring. Small bulbs, 25c each; \$2.50 per dozen; large bulbs, 50c each; \$5.00 per dozen.

# Hardy Lilies

There is an increasing interest in Lilies as their variety and beauty become better known. A few, such as the old Tiger Lily, and *L. Elegans* and *L. umbellatum* are very hardy and easily grown. Others need varying amounts of special attention and protection over winter. If you lack experience, it would be well to read up on the culture of the different varieties before ordering heavily.

Size of bulb refers to CIRCUMFERENCE, not to diameter.

The varieties of *Candidum* and *Tenuifolium* should be planted with the top of the bulb not much below the surface; the other kinds to a depth of at least three times the diameter of the bulb. All kinds need good drainage around the bulb and will be helped if planted on a bed of a quart or two of sand or gravel to each bulb.

Some of these varieties arrive from Japan, where they are grown, so late in the autumn that we find it necessary to hold the orders over in our storage cellar for spring shipment.

## SPECIAL LILY OFFER

One bulb each of the fifteen varieties of Hardy Lilies, each variety labelled, for \$4.75. It may be necessary to ship some of the varieties at different seasons.

**RUBELLUM**—A handsome rose-colored lily from Japan. Plant six inches deep in gravelly soil in light shade. Good for Rock Gardens. June. 12-18 inches. Each 50c; 3 for \$1.25.

**SPECIOSUM RUBRUM**—White, spotted red. Plant late in fall or spring. Bulbs, 35c each; \$3.50 per dozen.

**SUPERBUM** (Turkscap Lily)—Our native lily of damp places. Mostly bright reddish orange spotted with brown. 3-6 ft. July. Each 25c; \$2.50 per dozen.

**TENUIFOLIUM** (Coral Lily)—Small bright scarlet flowers on slender stems. 1-2 ft. high. Often used in rock gardens. June-July. 25c each; \$2.50 per dozen.

**TIGRINUM** (Tiger Lily)—The old fashioned Tiger Lily of our gardens. Orange, spotted purple. Plant spring or fall. Flowering size bulbs. 25c each; 3 for 75c.

**TIGRINUM FL. PL.** (Double Tiger Lily)—Same as above except flowers are semi-double. 30c each; 3 for 75c.

**UMBELLATUM** (Candlestick Lily)—Orange red flowers in upright umbels. Strongly resembles *L. Elegans*. Flowers in June. Plant spring or fall. 25c each; \$2.50 per dozen.

## LUPINUS

**POLYPHYLLUS** (Lupine)—Lupines seem to prefer somewhat acid soil, either in the open or light shade. They are particularly effective in mass plantings in the border, or naturalized along streams or open woodlands. They are heavy feeders, and require plenty of moisture during the flowering period. Our mixed colors are a combination of *Moerheimeii* and *Harkness* strains and contain some wonderful colors of pink, rose, cream, blue and white. June-July. 2-3 ft. Mixed hybrids or separate colors of blue, white or rose. 25c each; 3 for 65c; \$2.50 per dozen.

**THE BOOK OF PERENNIALS**, By Alfred C. Hottes, will post admirers of Perennials—the most durable of all our border plants—on how to grow them and how to enjoy them. Postpaid, \$1.65.

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## MONARDA

**DIDYMA** (Oswego Tea)—A garden friend who loves color has used single clumps of this showy scarlet flowered plant at intervals through his border where they make brilliant splashes of color through July and August. 2-3 ft. 25c each; 3 for 65c; \$2.50 per dozen.

## OENOTHERA

**FRUCTICOSA** (Sundrops) — Flowers abundantly in sunny situations during June and July. Clear, bright yellow. Useful in the larger rock garden as well as the perennial border. Divide every year to keep in good condition. 12-24 inches. 25c each; 3 for 65c; \$2.50 per dozen.

## PAPAVER (Poppy)

**NUDICAULE** (Iceland Poppy)—Biennial. Neat tufts of light green foliage from which spring the slender leafless flower stems. Start to flower very early in the spring and sometimes into the summer. 1 ft. Mixed colors. Much used in rock gardens as well as the perennial border. 25c each; 3 for 65c; \$2.50 per dozen.

**ORIENTALE** (Oriental Poppy)—These are the brilliant scarlet flowers so showy in May or June. Easy to grow in any soil, when once established. Foliage dies down in August to be followed by a new growth of leaves. Plant in early spring or fall. 30-36 inches. 25c each; 3 for 65c; \$2.50 per dozen.

**BEAUTY OF LIVERMORE**—Rich crimson with dark spot in center. Each 35c; 3 for 95c; \$3.50 per dozen.

**MRS. PERRY**—Like the red poppy in growth but a beautiful salmon color. 35c each; 3 for 95c; \$3.50 per dozen.

**OLYMPIA**—A new, semi-double Oriental Poppy, scarlet in color. Potted plants in spring. 35c each; 3 for 95c; \$3.50 per dozen.

**ROYAL SCARLET**—Rich scarlet flowers. Each 35c; 3 for 95c; \$3.50 per dozen.

## PENTSTEMON (Beard Tongue)

**BARBATUS TORREYII**—Tall spikes of brilliant scarlet flowers that make a striking appearance in the border during June to August. Grows to a height of 3 to 4 ft. The cut flowers give a distinct and pleasing effect when used for decorative purposes. 20c each; 3 for 50c; \$2.00 per dozen.

## PHYSALIS (Chinese Lantern Plant)

**FRANCHETTI**—An ornamental form of Ground Cherry, with bright orange-scarlet lanternlike fruit. Will last all winter if cut and dried. Not ornamental in the garden. 25c each; 3 for 65c; \$2.50 per dozen.

## PLATYCODON (Balloon Flower)

**GRANDIFLORUM**—Closely related to the Campanulas. Attractive, open bell-shaped flowers and buds that look like little balloons. Blue or white. July. 24-30 inches. 25c each; 3 for 65c; \$2.50 per dozen.

## ROCK GARDEN PRIMER

By ARCHIE THORNTON

Covering conditions for the temperate region of America, and written with particular regard for the benefit of those who require information on every minute point connected with the making of a rock garden. Price: \$2.15 postpaid.



**Oriental Poppy**

Poppies are not always easy to transplant so we usually send them out in the spring from 2-2½ in. pots because potted plants move more successfully.

## PHYSOSTEGIA (False Dragon Head)

**VIRGINIANA**—Flowers bright, soft pink in summer. Plants 4-6 ft. Valuable for cutting. Does well in very moist situations. 25c each; 3 for 65c; \$2.50 per dozen.

**VIVID**—A dark pink variety of a stocky growth, about 18-24 inches high. Good for the rock garden. Each 25c; 3 for 65c; \$2.50 per dozen.

## PYRETHRUM

**ROSEUM HYBRIDUM** (Persian Daisy)—Very hardy and one of the choicest of perennials. The fernlike foliage is attractive when the plants are not in bloom and the flowers, ranging from pure white through shades of pink to deep crimson are beautiful on the plant or as cut flowers. They flower the last of May and through June. Single and double flowered mixed. 20c each; 3 for 50c; \$2.00 per dozen.

**JAMES KELWAY**—These are seedlings of this excellent dark red single variety of Pyrethrum roseum but all that have flowered so far have been true to color. 35c each; 3 for 95c; \$3.50 per dozen.

**MRS. W. A. TOOLE**—The best single pink Pyrethrum we have ever seen. Flowers of a clear medium pink, large size and good substance. Each \$1; 3 for \$2.50.

**ULIGINOSUM**—(Giant Daisy)—This is one of the most striking perennials during the late summer and fall when the plants are covered with large white flowers. 3-4 ft. Strong plants. 20c each; 3 for 50c; \$2.00 per dozen.

**NOTE OUR FRIENDSHIP OFFER ON INSIDE PAGE OF FRONT COVER.**

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# TOOLE'S HARDY PHLOX

The Hardy Garden would seem bare indeed during late July, August and early September without the brilliant coloring of Hardy Phlox. Most varieties of Hardy Garden Phlox have a shallow root system and need frequent and plentiful supplies of water during the season of most rapid growth and during flowering. They are good feeders and will repay the extra expense and labor of supplying them with fertility and surface cultivation. While they thrive best in the open sunshine, they do better than most plants in light shade. When established the Phlox is quite hardy and does not need protection in our climate. Divide and reset the clumps every three years.

Red spider is the greatest enemy of Phlox. This may be kept in check by forcibly spraying under side of leaves with cold water from a hose. A thin glue may be made by dissolving a pound of glue in four or five gallons of water and this sprayed on the under side of the leaves is effective, also dusting with fine sulphur.

## FIELD GROWN PLANTS

One year old field grown plants of any of the varieties described under my "Baby" Phlox can be supplied either in spring or fall at 25c each; \$2.50 per dozen; \$15 per 100, except the varieties Elizabeth Campbell, Firebrand and Deutschland, which are 35c each; \$3.50 per dozen; \$18 per 100.

For spring planting, I strongly recommend "Baby" plants.

## "BABY" PHLOX

We call them "Baby" Phlox to distinguish them from the older field grown plants. Our supply of "Baby" Phlox is renewed by growing from cuttings in the greenhouse during the winter and spring. For several years, we have been selling increasing quantities of these young plants to our customers, who have been so well pleased that we feel we can recommend them very highly. By this method we are able to supply you with strong, vigorous growing young plants, that are almost sure to flower the first season, at a considerable reduction in price from that charged for older plants.

**Price:**—We can supply the following varieties from about March 20 to June 10 in "Baby" Phlox at 15c each; \$1.50 per dozen; \$10 per 100.

You may select any variety or combination of varieties you wish. We positively cannot supply "Baby" Phlox in the fall.

**B. COMPTE**—Bright amaranth red.

**BRIDESMAID**—Tall growing white with crimson eye.

**COMMANDER**—Bright crimson.

**DEUTSCHLAND**—Flowers moderate in size, but the nearest to a bright scarlet of any Phlox we have seen.

**ECLAIREUR**—Rosy magenta, strong grower.

**ELIZABETH CAMPBELL**—Light salmon pink. A great favorite.

**FIREBRAND**—A large flowered new red variety. Much admired by every visitor to our gardens.

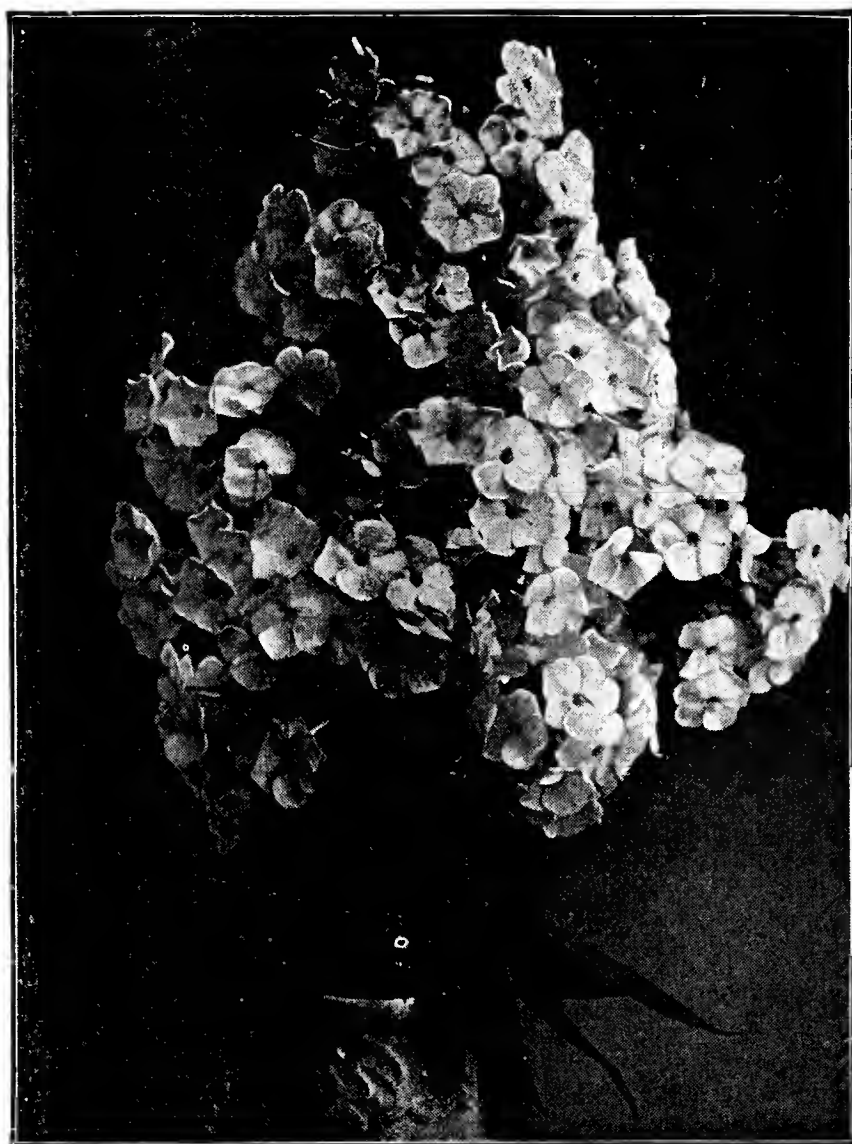
**FLORA REIDY**—Best white we have seen.

**JULES SANDEAU**—A light salmon pink. An old favorite.

### Baby Phlox Special No. 1

14 PLANTS \$1.50 PREPAID. Two each of the following seven lovely "Baby" Phlox, 14 plants in all, for \$1.50.

Two each of Bridesmaid, Mrs. Jenkins, Von Hochberg, R. P. Struthers, Widar, Jules Sandeau, Rynstrom.



Phlox La Vague

**KOENIGSHOFER**—A strong growing large flowered scarlet.

**LA VAGUE**—Pure mauve red eye. Has very large heads.

**MIA RUYS**—Dwarf white with very large flowers. 12 inches.

**MILLY VON HOBOKEN**—Light mauve-rose, dark eye.

**MISS LINGARD**—A very tall growing white.

**MRS. JENKINS**—A good tall, midseason white.

**RHEINLANDER**—Beautiful large soft pink with deeper eye.

**RIVERTON JEWEL**—Deep mauve with crimson center.

**R. P. STRUTHERS**—A bright rose carmine, red eye.

**RYNSTROM**—Carmine rose, without eye.

**SIEBOLD**—Orange scarlet, crimson center.

**THOR**—Deep salmon pink, red eye.

**VON HOCHBERG**—Bright crimson. A favorite.

**VON LASSBURG**—Very large pure white.

**WIDAR**—Large, lavender-blue shading to white towards center.

## OTHER VARIETIES OF PHLOX

See Rock Garden and Native Sections.

### Baby Phlox Special No. 2

SIX EACH OF THE FOLLOWING NINE KINDS, enough to make a striking group of each color, 54 plants in all, for \$5.00. Commander, Bridesmaid, Eclairer, Jules Sandeau, Flora Reidy, R. P. Struthers, Rynstrom, Von Hochberg, Widar.

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**RANUNCULUS (Buttercup)**

**ACRIS FL. PL.** (Bachelor's Buttons) — Golden yellow balls set on stems 16-24 inches tall. Very hardy and most typical of the old fashioned garden. Good for cut flowers except that falling petals make it somewhat untidy. May and June. 25c each; 3 for 65c; \$2.50 per dozen.

**RUDBECKIA (Coneflower)**

**LACINIATA FL. PL.** (Golden Glow) — Useful for backgrounds or corners where a tall growing flower is needed. Yellow. August. 4-6 ft. 25c each; 3 for 65c; \$2.50 per dozen

**PURPUREA** (Purple Cone Flower) — Large, striking, daisy-shaped pinkish-purple flowers with large, dark brown center cone. Striking in the border and useful as a cut flower, especially for large baskets or porch vases. 3-4 ft. July-Sept. 25c each; 3 for 65c; \$2.50 per dozen.

**SALVIA**

**AZUREA GRANDIFLORA** (Azure Sage) — Long willowy spikes of lovely, azure blue flowers in September and October. This variety is very slow to start growth in the spring and it is often thought to have winter-killed when perfectly all right. 3-4 ft. 25c each; 3 for 65c; \$2.50 per dozen.

**OFFICINALIS** (Common Garden Sage) — Used for flavoring. Each 25c; 3 for 65c; \$2.50 per dozen.

**SCABIOSA**

**CAUCASICA** — Blue-lavender flowers, long stems. A lovely flower, but it does not enjoy our hot, dry summers very well. 2 ft. July-August. 25c each; 3 for 65c; \$2.50 per dozen.

**CAUCASICA ALBA** — Same as above but flowers are white. Each 25c; 3 for 65c; \$2.50 per doz.

**SEDUM**

For dwarf varieties see Rock Garden Section.

**MAXIMOWICZI** (Amur Stonecrop) — An erect growing variety with golden yellow flowers in late summer. 12-20 inches. 25c each; 3 for 65c; \$2.50 per dozen.

**SEDUM SPECTABILE**

**SPECTABILE** (Showy Sedum) — One of the taller Sedums suited to either the border or the larger rock garden. Pleasing foliage effect during early part of the season and large flat heads of light rose-pink flowers in September. Does well in dry exposed situations or in light shade. 12-18 inches. 20c each; 3 for 50c; \$2.00 per dozen.

**SPECTABILE BRILLIANT** — Like the preceding variety except that the flowers are a darker color. 25c each; 3 for 65c; \$2.50 per dozen.

**STACHYS**

**LANATA** (Lamb's Ear) — The downy white foliage is the ornamental feature of this plant. 25c each; 3 for 65c; \$2.50 per dozen.

**STATICE (Great Sea Lavender)**

**DUMOSA** — Much like incana but with larger flowers and larger heads. Good in the border or rock garden and fine for drying. Each 25c; 3 for 65c; \$2.50 per dozen.

**INCANA** — Rather coarse small white flowers in large panicles. Effective in rockery or border. Flowers dry well. June. 10-15 inches. 25c each; 3 for 65c; \$2.50 per dozen.

**LATIFOLIA** — Large flat heads of tiny purplish-pink flowers. May be dried and kept for months. Beautiful cut and used with larger flowers. August-Sept. 18-24 inches. 25c each; 3 for 65c; \$2.50 per dozen.

**THALICTRUM**

**AQUILEGIAFOLIUM** — Columbine-like foliage and feathery purple or white flowers in June. 2-3 ft. Each 25c; 3 for 65c; \$2.50 per dozen.

**TROLLIUS**

**EUROPEUS ORANGE GLOBE** — Large globe-shaped orange yellow flowers. May and later. 1-2 ft. Likes partial shade. Each 35c; 3 for 95c; \$3.50 per dozen.

**LEDEBOURI** — Lemon yellow flowers. June-July. Tall. Each 50c; 3 for \$1.25.

**VALERIANA (Garden Heliotrope)**

**OFFICINALIS** — Showy heads of white flowers during June and July. Strong, sweet scent. 3-4 ft. 25c each; 3 for 65c; \$2.50 per dozen.

**VERONICA**

**LONGIFOLIA SUBSESSILIS** (Japanese Speedwell) — Dense spikes of deep blue flowers. One of the best perennials for the hardy border. August-Sept. 18-24 inches. 35c each; 3 for 95c; \$3.50 per dozen.

**SPICATA** — Long graceful spikes of bright blue flowers in July and August when this color is needed. 20-30 inches. 25c each; 3 for 65c; \$2.50 per dozen.

See Rock Garden Section for other varieties.

**YUCCA (Adam's Needle)**

**FILAMENTOSA** — The swordlike foliage is very attractive. Well established plants give a spike of white lily-like flowers. 3-4 ft. July. 35c each; 3 for 95c; \$3.50 per dozen.

**FILAMENTOSA VARIEGATA** — This form of Yucca Filamentosa or Spanish Bayonet has a central stripe of green, with an edging of golden yellow. It is as hardy as the clear green type. The effect of this plant is very striking in the garden in summer and also in the winter, contrasting against the snow. Price: Strong 2 year plants \$1 each; 3 for \$2.50.

**GARDEN POOLS: LARGE AND SMALL**, by Ramsay and Lawrence. Nothing else can add so much to your garden as a pool, even if it is only a transformed wash tub in the tiniest garden space. How to have one is fully explained in this new book. Its text is so complete and its illustrations are so numerous and practical that you can easily find the type of pool that fits in your garden and learn all about its designing, planting and caring for it. 41 illus. 122 pages \$2.50.

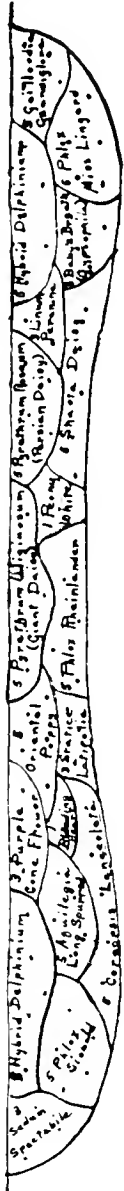
**ROCK GARDENS**, By Rockwell. You can have a rock garden at small cost and great enjoyment if you use this splendid book. It shows how to develop a charming and individualistic rockery on a tiny plot of ground as well as where space is unlimited. Each \$1.15.

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# The Garden of Your Dreams

Probably you have dreamed of a Perennial Border somewhere in your back yard, or in a corner next to the garage, where there will always be a few flowers for the table, and a bright bit of cheerful color. Maybe you have thought of it for years but just never got around to it or did not know what to plant. It is for just such folks that we have designed this DREAM GARDEN, with three different styles of arrangement adapting it to different conditions. The plants selected are for a garden where there is plenty of sunlight through most of the day. If your garden must be in the shade, write us and we can suggest selections of plants.

Dream Garden 50 feet long by 5 feet wide



## \$18.00 WORTH OF DREAM GARDEN PLANTS FOR \$10.00

The varieties selected are kinds that are not hard to grow and will provide a wealth of flowers for many weeks. There are 77 PLANTS IN 18 VARIETIES AT THE VERY LOW PRICE OF \$10, INCLUDING BLUE PRINT AND BRIEF, UNDERSTANDABLE DIRECTIONS for PLANTING AND CARE OF THE BORDER.

The diagram to the left is for a space fifty feet long and an average of five feet wide. The right one is forty feet in length and averages six feet in width while the corner planting is for a space twenty-five feet along each corner and of corresponding width. There is space enough to plant in extra plants or bulbs if desired. A very pleasing effect may be obtained by planting tulip or narcissus bulbs between the plants of the late flowering perennials. This helps to lengthen the season and adds variety to the garden.

## VARIETIES IN THE DREAM GARDEN

TEN CHOICE MIXED HYBRID DELPHINIUMS, many shades of blue and purple, 4 to 6 ft, the backbone of the Hardy Garden; 5 SHASTA DAISIES, white, 2 to 3 feet, June and July; 5 GAILLARDIA GRANDIFLORA, mahogany red and yellow, 2-3 feet; July, August; 5 COREOPSIS LANCEOLATA, yellow, July-August, 2-3 feet; 5 AQUILEGIA LONG SPURRED HYBRIDS, many colors, 18-24 inches, June; 5 PYRETHRUM ROSEUM HYBRIDUM, pink and red, 18-24 inches, June; 5 PHLOX SIEBOLD, orange scarlet, July-August, 20-24 inches; 5 PHLOX RHEINLANDER, clear pink, with eye, 20-24 inches; July-August; 5 PHLOX MISS LINGARD, waxy white, 20-26 inches, June-July; 5 GIANT DAISY, white, 3-5 feet, September; 5 ORIENTAL POPPIES, orange scarlet, 18-24 inches, June; 3 BABY'S BREATH, filmy white flowers in June and July, 2-3 feet; 3 STATICE LATIFOLIA, delicate lavender, August-Sept., 12-20 inches; 3 LINUM PERENNE, blue, 12-18 inches, May-August; 3 PURPLE CONE-FLOWER, rose purple, 2-3 feet, July-August; 3 SEDUM SPECTABILE, rose pink, 12-20 inches, September; 1 BLEEDING HEART, pink, 20-30 inches; May; 1 PEONY, white, 24-

30 inches, June.

SEVENTY-SEVEN CHOICE PLANTS IN ALL, INCLUDING PLANTING INSTRUCTIONS AND PLANS FOR ARRANGEMENT FOR ONLY \$10.00. ALL CAREFULLY PACKED AND EACH VARIETY LABELLED. PREPAID.

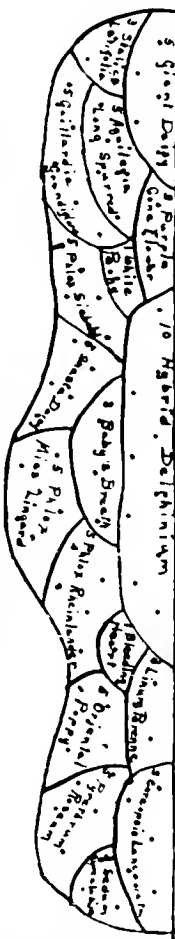
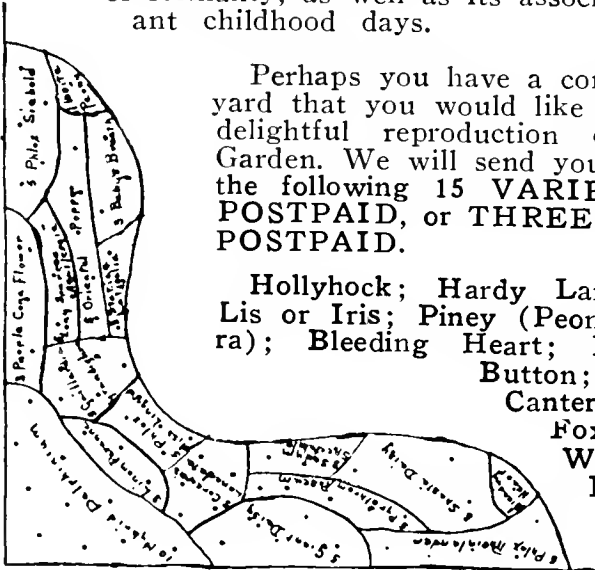
## AN OLD FASHIONED GARDEN

There is always a fascination about the idea of an Old Fashioned Garden, probably because of its lack of formality, as well as its associations with pleasant childhood days.

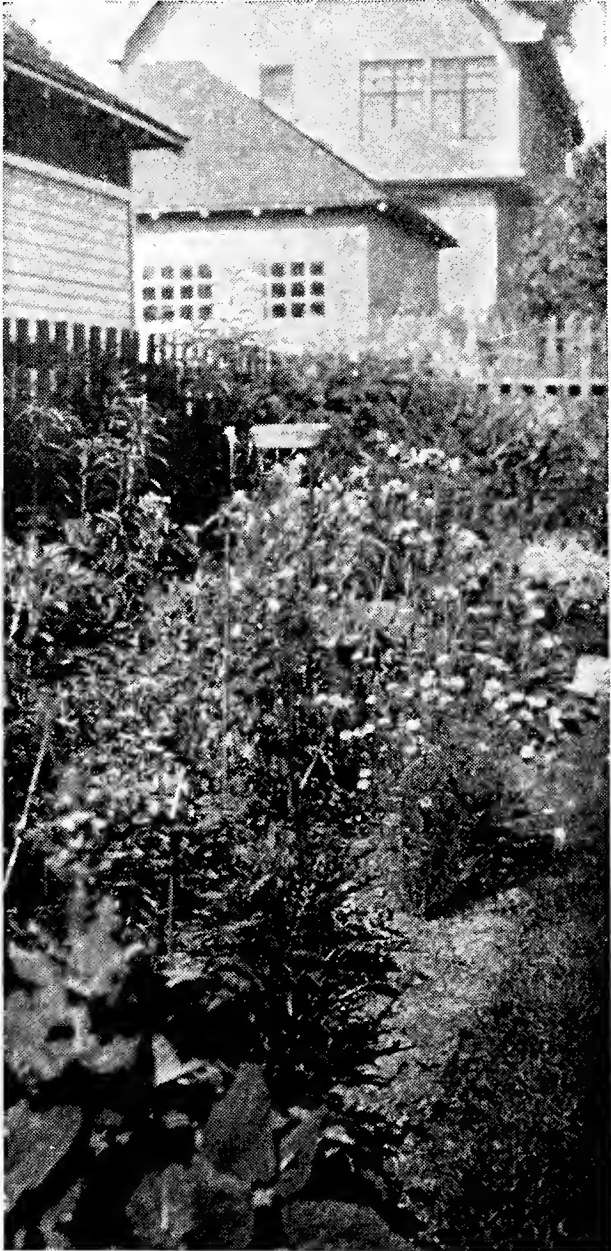
Perhaps you have a corner in your back yard that you would like to convert into a delightful reproduction of Grandmother's Garden. We will send you ONE EACH of the following 15 VARIETIES for \$2.69. POSTPAID, or THREE of EACH for \$7, POSTPAID.

Hollyhock; Hardy Larkspur; Fleur de Lis or Iris; Piney (Peony officinalis rubra); Bleeding Heart; Hardy Bachelor's Button; Daisy; Phlox; Canterbury Bell; Foxglove; Sweet William; C l o v e Pink; Tiger Lily; Garden Heliotrope; Old M a n o r S o u t h e r n w o o d .

Dream Garden 25 feet



Dream Garden 40 feet long by six feet wide



A Dream Garden Collection Changed an Unsightly Spot to One of Beauty

## A GARDEN OF DELPHINIUMS

While it is hardly probable that you will want to grow only Delphiniums in your garden, they form so important a part of any Hardy Garden, that they should be well represented by different types. For those who are not quite sure just what kinds to buy, I suggest the following collection as being a well balanced selection of the different varieties.

- 2—Delphinium Bellamosum
- 2—Delphinium Belladonna
- 6—Delphinium Garry-nee-Dule Blue Hybrids
- 2—White Hybrids "Summer Cloud"

We can supply you with the above selection of **TWELVE CHOICE DELPHINIUMS** in strong field grown plants with a separate value of \$4, for **ONLY \$2.75**, or the same selection in "Baby" Plants that will flower this year, for \$1.50.

## AN ALL-SUMMER GARDEN

By planting this selection of **A DOZEN OF TOOLE'S HARDY PERENNIALS**, you can cut bouquets if you wish from late May to September. The dozen plants may be planted nicely in a space 4x6 feet in area. The flowering season may be prolonged by setting in tulip bulbs between the perennials in the fall.

For a real effective border, plant at least three of each variety, or 36 plants in all, which require about 70 square feet of space.

Chrysanthemum leucanthemum (Memorial Daisy)  
 Pyrethrum Hybridum (Persian Daisy)  
 Shasta Daisy Alaska  
 Gypsophila Paniculata (Baby's Breath)  
 Statice Incana  
 Gaillardia grandiflora  
 Delphinium belladonna  
 Coreopsis lanceolata  
 Pyrethrum uliginosum  
 Heliopsis pitcheriana  
 Achillea ptarmica (The Pearl)  
 Pentstemon barbatus Torreyi

Prices: One plant each of the above All-Summer Selection of 12 varieties for \$2.00; 3 plants of each, 36 in all for \$5.00, PREPAID.

## GARDEN PATH SELECTION

A selection suited to a narrow border along a walk or path or any small space. Any sunny place where the soil is reasonably good will suit these plants. Plant about 18 inches apart.

ONE each of Pyrethrum roseum, Sedum Spectabile, Baby's Breath, Aquilegia Long Spurred, Shasta Daisy, Belladonna Delphinium, Red Peony, Phlox Fernande Cortez, Coreopsis lanceolata, Gaillardia grandiflora, Hardy Blue Flax, Balloon Flower. **TWELVE PLANTS FOR \$2.35 PREPAID.**

## SPECIAL OFFER CHOICE MIXED GLADIOLUS

Where else can you obtain such a wealth of colorful beauty? And at such really small cost and labor. I am offering this year a magnificent mixture of choice flowering size bulbs at a very low price. Somewhere in your garden you can find a place for some of these bulbs which will provide you many attractive bouquets for house decoration.

## SPECIAL OFFER

ONE HUNDRED choice bulbs of **GLADIOLUS** in great variety for \$2.00 POSTPAID; FIFTY for \$1.25, POSTPAID; or THREE HUNDRED of these Promises of Beauty for \$5.00, POSTPAID.

NOTE OUR FRIENDSHIP OFFER ON INSIDE PAGE OF FRONT COVER.

## ARMS FULL OF FLOWERS

Part of the joy of having a garden is the opportunity of picking a profusion of flowers for gifts to friends or to bring the beautiful out-of-doors into the house with decorations of flowers. To make this a real joy, one must be able to cut flowers plentifully and still leave enough so that the beauty of the garden is not spoiled.

I have grown an extra large number of Persian Daisies; Shasta Daisies; Delphinium Belladonna; Coreopsis, Gaillardia, Baby's Breath and Scarlet Pentstemon, all of them profuse and beautiful bloomers, and because of quantity production, and economies of packing a standard quantity, I can send you **SIX PLANTS of EACH VARIETY**, 42 strong, vigorous clumps that will produce lots of flowers this very first season, for **ONLY \$5.00, PREPAID**. Just ask for the **SPECIAL "ARMSFUL" GARDEN** when you order.

## A BIG BARGAIN OFFER

In growing immense quantities of perennials, there is always sure to be a surplus of some very choice varieties. To clear out this surplus, we make a most attractive offer. **FOR \$1.00 we will send you POSTPAID, EIGHT DIFFERENT PERENNIALS**, each labelled; all strong field grown plants that will flower this year. The choice of kinds must be left to us and shipment will not be made till May first or later. Please indicate when you order whether you want tall or dwarf growing varieties. If you are not satisfied that you have received more than your money's worth, when the plants arrive, notify us and your money will be returned at once and you may keep the plants without charge.

**EIGHT PLANTS FOR \$1.00, POSTPAID; 6 BARGAIN COLLECTIONS FOR \$5.00**, either to one address or several.

## FOR THAT SHADY CORNER

Perhaps you have a difficult place in your garden where it is hard to get anything to flower. Here are 10 varieties that will bloom in partial shade, if given reasonable attention.

If the shade is made by trees, it must be remembered that the roots of the trees may rob the flower plants of both moisture and fertility and make it impossible for the plants to flower unless given extra water and fertilizer.

**ONE EACH OF THE FOLLOWING TEN KINDS FOR \$2.00; TWO OF EACH FOR \$3.50; THREE OF EACH FOR \$5.00**, all carefully labelled and packed.

Sedum Spectabile	Lobelia cardinalis
Hemerocallis Thunbergii	Veronica spicata
Funkia lanceolata	Aconitum Spark's
Aquilegia Long	Variety
Spurred Hybrids	Eupatorium ageratoides
Lily of the Valley	Phlox R. P. Struthers

## A GARDEN IN BLUE

Blue in the garden gives a cool effect, and helps to create an illusion of greater size if used rightly. Here are some of the best of the blue or blue purple perennials:

Delphinium bellamosum  
 Delphinium belladonna  
 Linum perenne (Hardy Flax)  
 Campanula persicaefolia  
 Centaurea montana  
 Eryngium amethystinum  
 Platycodon, blue  
 Salvia azurea  
 Scabiosa caucasica  
 Tradescantia virginica  
 Aster Climax  
 Veronica Spicata

Price: **ONE PLANT OF EACH OF THESE TWELVE LOVELY PERENNIALS, \$2.50; or THREE OF EACH, or 36 in all, for \$6.**

ABOVE PRICES INCLUDE EXPRESS OR PARCEL POST PREPAID TO YOUR DOOR.



# Rock Garden and Alpine Plants

## THE ROCK GARDEN AT GARRY-NEE-DULE

During the past season we have planted much of the rock garden mentioned in last season's catalog. Space has been left for many new varieties also. In spite of unprecedented heat and drought many varieties made a very satisfactory growth.

We also learned a lot about the needs of some of the more strictly alpine varieties; and lost several kinds entirely because of wrong treatment. We look forward to the coming of spring and the unfolding and flowering of many new beauties still unknown to us.

### AN INVITATION

Mrs. Toole and I would be very pleased to have you visit our gardens in 1932 should you be anywhere near Baraboo. Besides the Rock Garden there is a large Perennial Garden, partly developed, and a Formal Garden in process of making. The Nature Trail is enjoyed by many who love wild things.

You will like the scenery around Baraboo. There is a strength and peacefulness about our hills that seems specially soothing. Last summer we were privileged to meet several thousand of our friends. If you were one of them we'd be glad to see you again, and if you were not, we would like the privilege of greeting you.

### A FEW HINTS ABOUT ROCK GARDENS

No hard and fast rules or plans may be given for the construction of Rock Gardens. An attractive rockery may cover a few feet in extent in a corner of the back yard, or it may extend to much larger proportions.

A pool of water is not necessary, but a pool and water plants and a bog garden combine to make the rockery more attractive.

I haven't room to give more than the briefest directions for building a Rock Garden. Most every public library has, or will get for you, some good books on Rock and Alpine Gardening. Read all you can, and then use your common sense when you start work. Good drainage is necessary but you do not need to excavate a cellar or near-cellar to provide for drainage in most cases.

### SOIL FOR ROCK GARDENS

Any good garden soil, combined with one-third sand and one-third leaf mold or peat moss will make a good base for most rock plants. Lime may be added to this for those needing distinctly lime soil, and peat moss or oak sawdust may be added or used largely when an acid soil is needed. Stone chips or coarse sand are useful to place around the crowns of plants that rot easily if tops are kept too moist. Rocks are not really essential to the growth of rock plants. They merely give a natural setting and congenial conditions for the best appearance of these attractive plants. Nor should the rockery be made a geological museum. You are building a garden for plants in most cases, and the rocks are used to increase the beauty and effectiveness of the plants.

Although no special kind of rock is essential, a porous variety such as sandstone or limestone is preferable because the reserve moisture in the rock is helpful during a hot, dry time in providing cool, moist conditions surrounding the roots of the plants. Use whatever you can secure most conveniently and arrange the rocks to suit your ideas of what is natural and pleasing.

I regret that there is not room to give detailed instructions for building a Rock Garden. However, for \$1.15 we can send you postpaid, **ROCK GARDENS**, by Rockwell, which you will find very helpful. Another book, costing \$2.15, is **THE ROCK GARDEN PRIMER**, by Thornton, which is larger and also very good.

### VARIETIES SUITABLE

Just what makes a suitable plant for a Rock Garden may be a matter for debate. An extensive Rock Garden may, with good effect, use much larger and coarser plants than a tiny rockery. Your tastes may run to delicate little alpines, whose charm is partly in the difficulty of growing them, or you may prefer broad masses of color.

Besides the varieties in this section you will find many kinds described in the **WILD FLOWER SECTION** of this catalog that are valuable in the Rock Garden, and our natives are very essential for the Shady Garden.



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**ACHILLEA**

**TOMENTOSUM**—Finely divided, wooly, green foliage lying close to the ground with flat heads of yellow flowers. Flower stems about 4 inches high. Each 35c; 3 for 95c; \$3.50 per dozen.

**AJUGA**

**GENEVENIS** (Bugle)—A cover plant for use in shade. Spikes of blue flowers in May or June. Each 35c; 3 for 95c; \$3.50 per dozen.

**ALLIUM**

**SCHOENOPRASMUM** (Chives)—Mostly used as a garden herb or vegetable but really very attractive as a rock garden plant. Round heads of violet flowers. 6-8 inches. Each 20c; 3 for 50c; \$1.50 per dozen.

**THIBETICUM**—A new variety that has not flowered for me yet. Supposed to be good. Each 35c; 3 for 95c.

**ALYSSUM**

**SAXATILE COMPACTUM** (Goldentuft)—A glow of golden yellow in the rockery even before the Dandelion favors us with its cheery beauty. April. 9 to 12 inches. Each 25c; 3 for 65c; \$2.50 per dozen.

**ROSTRATUM**—Lighter yellow and later flowering than the preceding. Somewhat trailing in habit, good where showy plant is needed in the rockery. Flowers over an extended period and the silvery foliage is ornamental after the flower heads are trimmed away. 12-15 inches. June-July. 25c each; 3 for 65c; \$2.50 per dozen.

**SERPILLIFOLIUM**—Trailing. Light yellow flowers. April and May. Silvery gray foliage. Each 35c; 3 for 95c; \$3.50 per dozen.

**SPINOSUM**—Upright plants with gray green foliage, 6 inches. Spikes of white flowers. Each 50c; 3 for \$1.25.

**ANCHUSA**

**MYOSOTIDIFLORA** (Forget-Me-Not Anchusa)—Tiny blue flowers that look exactly like Forget-Me-Nots but the leaves are large and round. June 12 inches. 30c each; 3 for 80c; \$3 per dozen.

**AQUILEGIA**

**ALPINA**—A dwarf, blue and white Columbine with attractive foliage. May. 10-12 inches. Each 25c; 3 for 65c; \$2.50 per dozen.

All of the Aquilegias are well suited for rock garden planting, either in partial shade or full sun. For descriptions and prices see under Hardy Perennials, page 2.

**ARABIS (Rock Cress)**

**ALPINA**—Heads of white flowers in April. One of the earliest to flower in the border or rockery. Likes a well drained spot. Cut back somewhat after flowering to keep the foliage neat and attractive. 6 inches. 25c each; 3 for 65c; \$2.50 per dozen.

**ALPINA FL. PL.**—Looks like a miniature double flowered white Ten Week Stock Plant. Each 50c; 3 for \$1.25.

**ARENARIA (Sandwort)**

**MONTANA**—A mat of narrow leaves from which the star-shaped white flowers appear during June and July. Attractive in the sunny rockery. 3-4 inches. Each 25c; 3 for 65c; \$2.50 per dozen.

**ASPERULA**

**ODORATA** (Woodruff)—For the rock garden or a ground cover in the shade. White. 6-8 inches. May. Sweet scented. Each 35c; 3 for 95c; \$3.50 per dozen.

**ARTEMESIA**

**FRIGIDA**—The finely cut silvery leaves are the distinguishing feature of this plant. Flowers not conspicuous but the foliage makes this one of the striking plants for the rock garden. 12 inches. 25c each; 3 for 65c; \$2.50 per dozen.

**ARMERIA (Thrift)**

**LAUCHEANA**—A low growing mat of dark green leaves from which spring the heads of rose-colored flowers on stems six inches high. Flowers almost continually from June to end of summer. Plant several in a mass in the rockery to get best effect. Divide and reset in July and August of each year. 30c each; 3 for 80c; \$3 per dozen.

**SETACEA**—A dwarf cushion of fine green foliage and heads of soft rose colored flowers on very short stems. May and scattered flowers all summer. 2-3 inches. Each 75c; 3 for \$2.00.

**ASTER**

**ALPINUS** (Alpine Aster)—Bluish purple daisylike flowers in June. 9 inches. 25c each; 3 for 65c; \$2.50 per dozen.

**ALPINUS ALBA**—White flowers with yellow center in June. 9 inches. Each 25c; 3 for 65c; \$2.50 per dozen.

**MAUVE CUSHION**—A low growing cushion-like aster rarely exceeding nine inches in height but spreading to two feet in diameter. Mauve flowers, nearly white, in profusion in late September and October. Each 25c; 3 for 65c; \$2.50 per dozen.

**AUBRETIA**

**HYBRIDA** (Rockcress)—Flowers in varying shades of violet and purple. May. 3-6 inches. Each 25c; 3 for 65c; \$2.50 per dozen.

**CAMPANULA**

**CARPATICA** (Carpathian Harebell)—Valuable in the Rock Garden where the blue or white open, bell-shaped flowers give a touch of color after the bulk of the Rock Garden is past its glory. Also good in the edge of the border. 9 inches. Blue or white. June to August. 25c each; 3 for 65c; \$2.50 per dozen.

**GARGANICA**—Almost a solid mass of lavender-blue star-shaped flowers in June. 3 inches. Each 50c; 3 for \$1.25.

**GLOMERATA**—Clusters of rich purple bells in June. 12 inches. Spreading. Each 25c; 3 for 65c; \$2.50 per dozen.

**PUSILLA**—A profusion of tiny, blue bells on creeping plants scarce two inches high. Each 50c; 3 for \$1.25.

**PUSILLA ALBA**—As above except the flowers are white. Each 50c; 3 for \$1.25.

**ROTUNDIFOLIA** (Harebell)—This is one of the plants that loses much of its beauty if given good culture and rich soil in a hardy border. At its best growing from crevices in a rock wall or garden. 10-16 inches. June-August. The American form of the famous Scotch Blue Bell. 25c each; 3 for 65c; \$2.50 per dozen.

**THE ROCK GARDEN PRIMER**, by Thornton, is a well written book on Rock Gardening, illustrated both in colors and black and white. \$2.15 postpaid.



Aster Alpinus

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**CERASTIUM (Snow-in-Summer)**

**TOMENTOSUM**—A low growing border plant covered with a mass of white flowers the last of May and early June. The silver colored leaves are very attractive all summer. Desirable for the front of the border and much used as underplanting with Darwin Tulips. Also very attractive in the rockery. 25c each; 3 for 65c; \$2.50 per dozen.

**CHEIRANTHUS**

**ALLIONI** (Siberian Wall Flower)—Glowing orange from late May through July and often later. Sweet scented. While a biennial it is so good it should be in every border or rock garden. 12-18 inches high. 25c each; \$2.50 per dozen.

**CORYDALIS**

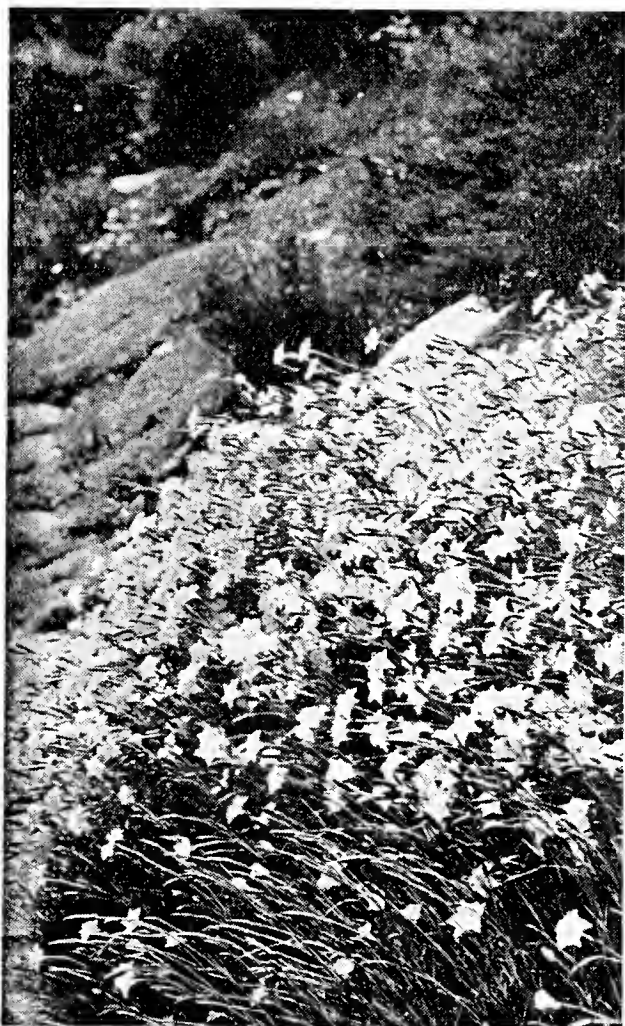
**CHEILANTHIFOLIA**—Fern-like foliage and long spikes of yellow flowers. Will grow in shade but requires good drainage. Each 75c; 3 for \$2.

**DAPHNE**

**CNEORUM** (Garland Flower)—A most attractive trailing shrub for the Rock Garden. Clusters of pink fragrant flowers in May or June and often another crop late in summer. Seems to prefer loam or sand and peat mixture. Plants 6-8 inches tall. \$1 each; 3 for \$2.50. 8-10 inches, \$1.75 each.

**DIANTHUS**

**ARVENENSIS**—Very flat mats of silvery-green and pink flowers on short stems. Each 35c; 3 for 95c; \$3.50 per dozen.



Dianthus Caesius

**CAESIUS** (Cheddar Pink)—Close growing tufts of greyish leaves that are ornamental in the rockery or front border, even when not in flower. Clove scented single pink flowers. June. 6-8 inches high. Free bloomer. 25c each; 3 for 65c; \$2.50 per dozen.

**CRUENTUS**—Heads of dark red flowers, not fragrant. 8-12 inches high. Good for the rockery. 25c each; 3 for 65c; \$2.50 per dozen.

**DELTOIDES** (Maiden Pink)—Small, rose flowers in profusion. For rockery or front of border. 6 inches. June. Foliage a pretty green. 25c each; 3 for 65c; \$2.50 per dozen.

**DUCHESS OF YORK**—A double white variety, suited to the larger rock garden. 25c each; 3 for 65c; \$2.50 per dozen.

**NEGLECTUS**—A tiny plant for the sunny rock garden. A small dense mat of leaves not two inches high with a relatively large single salmon pink flower. Plants are small. 50c each; 3 for \$1.25.

**SUPERBUS**—Fringed white and pink flowers. 8-12 inches. Rockery. 25c each; 3 for 65c; \$2.50 per dozen.

**SYLVESTRIS**—Salmon pink flowers in June. For the hot, sunny rockery. One of the choicest of pinks for the rock garden. 25c each; 3 for 65c; \$2.50 per dozen.

**DICENTRA**

**EXIMIA** (Fringed Bleeding Heart)—Rosy pink flowers, finely cut foliage that is attractive all summer. Lightly shaded rockery. May to August. 12-16 inches. 35c each; 3 for 95c; \$3.50 per dozen.

**EUONYMUS**

**RADICANS**—A shrubby evergreen vine with dark green leaves. Hardy in a shaded location where it does not get direct winter sun. Each 75c; 3 for \$2.00.

**FESTUCA**

**GLAUCA**—Tufts of blue-green foliage. A group of this pretty grass furnishes a delightful contrast in the rock garden. 25c each; 3 for 65c; \$2.50 per dozen.

**GENTIANA**

**MACROPHYLLA** — Out of several varieties tried out last summer, this is the only Gentian that stood the heat and drought. Has not flowered yet. Each 25c; 3 for 65c.

**GERANIUM**

(CRANESBILL)

**SANGUINEUM** — 12 to 18 inches. The foliage is attractive, as well as the bright crimson flowers. Each 35c; 3 for 95c; \$3.50 per dozen.

**GYPSOPHILA**

**REPENS** (Creeping Gypsophila)—A very attractive creeping plant for the rockery, with a profusion of white flowers in July and August. Only a few inches high but spreads over a space of 18-20 inches. 25c each; 3 for 65c; \$2.50 per dozen.

**HELI-  
CHRYSUM**

**LANATA** (Everlasting)—Creamy white flowers and golden center. Hairy grey foliage. For a sunny well drained location. Each 25c; 3 for 65c; \$2.50 per dozen.



Gypsophila Repens

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**HELIANTHEMUM**

**MIXED COLORS** (Sun Rose)—Small shrubby plants with flowers of various colors. 6-10 inches. June. 25c each; 3 for 65c; \$2.50 per dozen.

**HEUCHERA (Coral Bells)**

**ALBA**—Delicate creamy white flowers on a 12 to 18 inch stem. June. 35c each; 3 for 95c; \$3.50 per dozen.

**ROSEA**—Light rose-colored flowers on stems 16-24 inches tall. Very delicate and attractive. Flowers most of the summer when clumps are well established. 25c each; 3 for 65c; \$2.50 per dozen.

**RED**—Propagated by division from selected free blooming plants with bright coral red flowers. June and later. 18-20 inches. Each 35c; 3 for 95c; \$3.50 per dozen.

**HYPERICUM (St. John's-Wort)**

**OLYMPICUM**—Gray green leaves and large yellow blossoms through summer. Give a sheltered warm corner and well drained light soil. Each 35c; 3 for 95c.

**IBERIS**

**SEMPERVIRENS** (Candytuft)—White flowers in profusion in May or June. Only moderately hardy at Baraboo. 25c each; 3 for 65c; \$2.50 per dozen.

**DWARF IRIS**

**ATROVIOLACEA**—A small very early flowering dwarf violet purple variety. Each 25c; 3 for 65c.

**CRISTATA**—A dainty little creeping variety for the rockery. 3 inches high. Rich amethyst blue. 35c each; 3 for 95c; \$3.50 per dozen.

**CRISTATA LACUSTRIS**—A northern variety of the above, smaller in growth and flower, but color a little darker. May. Both the above kinds need light shade and leaf mold soil. Each 50c; 3 for \$1.25; \$5 per dozen.

**GOLDEN QUEEN**—An early golden yellow. Each 25c; 3 for 65c; \$2.50 per dozen.

**CYANEA**—Early dwarf blue. Each 25c; 3 for 65c; \$2.50 per dozen.

**DITTON PURPLE**—Dark purple dwarf Iris. Each 35c; 3 for 95c; \$3.50 per dozen.

**FAIRY**—Pale blue, nearly white. Each 25c; 3 for 65c; \$2.50 per dozen.

**LEONTOPODIUM**

**ALPINUM** (Edelweiss)—Requires a well drained sunny location. While the flowers do not attain the snowy whiteness of higher altitudes, the plant is interesting because of its sentimental connection with the Swiss Alps. 35c each; 3 for 95c; \$3.50 per dozen.

**LINARIA**

**ALPINA**—Tiny lavender purple "snapdragon" flowers with orange centers. Flowers for a long season, till late fall. Small plant, sometimes fails to survive winter but usually self-sows. 35c each; 3 for 95c; \$3.50 per dozen.

**LYCHNIS (Campion)**

**ALPINA** (Alpine Campion)—Small tufts of leaves and heads of rose-colored flowers. June. 4-6 inches. 30c each; 3 for 80c; \$3 per dozen.

**ARKWRIGHTII**—A hybrid form of Lychnis. 8-12 inches tall. Heads of crimson scarlet flowers in June and July. For the border or rockery. 25c each; 3 for 65c; \$2.50 per dozen.

**VISCARIA FL. PL.**—Double flowers of a brilliant rosy magenta color. June-July. 8-12 inches. Sunny well drained soil. Each 35c; 3 for 95c; \$3.50 per dozen.

**LYSIMACHIA**

**NUMMULARIA** (Moneywort)—A creeping vine-like plant with yellow flowers from May to September. Good for a ground cover under trees or for covering banks and walls, but may become something of a weed. Good for hanging baskets or urns. 25c each; 3 for 65c; \$2.50 per dozen.

**MYOSOTIS**

**ALPESTRIS** (Forget-Me-Nots)—Branches of tiny heavenly blue flowers with a yellow dot in the center. Does best in light shade or full sun if given enough moisture during hot, dry summer weather. Very effective for bordering pools or streams. 25c each; 3 for 65c; \$2.50 per dozen; \$12 per 100.



Nepeta and Saponaria in Rock Wall

**NEPETA (Catnip)**

**MUSSINI**—Gray foliage and lavender-blue flowers. Low growing but rather long trailing branches. Is good in front of the border but especially attractive in the rockery. A very pretty effect is obtained in the rockery if a group is planted near the Saponaria ocymoides. 25c each; 3 for 65c; \$2.50 per dozen.

**OENOTHERA**

**FRUCTICOSA** (Sundrops)—Flowers abundantly in sunny situation through June and July. Clear bright yellow. 12-24 inches. 25c each; 3 for 65c; \$2.50 per dozen.

**PACHYSANDRA**

**TERMINALIS** (Japanese Spurge)—A plant with evergreen leathery leaves. Is much used for ground cover especially under coniferous trees. 6-8 inches. Looks very much like our wild Pipsissewa, but is easier to grow. 25c each; 6 for \$1; \$12 per 100.

**PAPAYER (Poppy)**

**ALPINUM**—Like a very tiny Iceland Poppy, but a true Perennial. Mixed colors. 35c each; 3 for 95c; \$3.50 per dozen.

**NUDICAULE** (Iceland Poppy)—Biennial. Neat tufts of light green foliage from which spring the slender leafless flower stems. Start to flower very early in the spring and continue into the summer. 1 ft. 25c each; 3 for 65c; \$2.50 per dozen.

**PAROCHETUS**

**COMMUNIS** (Shamrock Pea)—Looks like a white clover plant but bears a single bright blue pea flower on a short stem. Rapid grower, of uncertain hardiness here. 2½ inch pot plants, 25c each; 3 for 65c.

**PLUMBAGO**

**LARPENTAE** (Leadwort)—A creeping plant with brilliant blue flowers in October. Starts growth late in spring and may be weeded out during the spring clean-up. 6-8 inches. Each 35c; 3 for 95c; \$3.50 per dozen.

**ROCK GARDEN AND ALPINE PLANTS** — By Correvon. You can choose from 542 kinds of rock plants and grow them in your own garden with the information in this new book by the world's greatest authority, written specially for American conditions. 33 illustrations (17 plants in color), 560 pages. \$6.00.

ABOVE PRICES INCLUDE EXPRESS OR PARCEL POST PREPAID TO YOUR DOOR.



Phlox Divaricata

**PHLOX**

**AMOENA**—Low growing rose pink, 6 inches. May.

**DIVARICATA** (Wild Sweet William)—Our native Woods Phlox. Fragrant flowers during May. Partial shade.

**DIVARICATA LAPHAMII** — Lavender flowers. All one color. Flowers freely. Blooms same time as Darwin Tulips. Much used as an underplanting or ground cover with Tulips.

**PILOSA** (Prairie Phlox)—A native in the open places. Prairie Phlox flowers somewhat later than Woods Phlox and under cultivation continues for several weeks. Masses of brilliant rosy carmine flowers.

**SUBULATA** (Moss Pink)—Low growing Phlox, flowering here in May. Valuable in rock garden. White, rosy magenta, or lavender.

Any of the above Phlox 25c each; 3 for 65c; \$2.50 per dozen.

**SUBULATA G. F. WILSON**—Large soft lavender flowers. Each 25c; 3 for 65c; \$2.50 per dozen.

**SUBULATA VIVID**—Clear bright pink flowers and a low dense growth. 2½ inch pots. Each 25c; 3 for 65c; \$2.50 per dozen.

**PRIMULA (Primrose)**

**MISTASSINICA** (Arctic Primrose)—A tiny plant loving moist, well drained leaf mold and sand and shade. Lavender. May. 2-3 inches. Each 50c; 3 for \$1.25.

**VERIS SUPERBA** (Cowslip)—An improved form of the yellow Cowslip which I have often heard my mother speak of gathering in the springtime in England along the stream sides in open meadows or the edge of a spinney (a small wooded place). A rich damp soil, made up of leaf mold or peat moss, sand and garden soil in a protected place, preferably an eastern exposure, best suits this old favorite. Strong plants. 35c each; 3 for 95c; \$3.50 per dozen.

**CORTUSOIDES**—Deep lavender rose flowers in spring and sometimes again in the fall. 8-10 inches. Each 50c.

**FLORINDAE**—Large coarse leaves. Bell-shaped deep rosy purple flowers. Moist, porous rich soil, partly shaded. 12-20 inches. Each 75c.

**SAPONARIA**

**OCYMOIDES** (Rock Soapwort)—A showy dwarf trailing plant, for rock garden or the rock wall. Pink flowers. May and June. 25c each; 3 for 65c; \$2.50 per dozen.

**SAXIFRAGA**

There is a wonderful variety in Saxifragas, many of which we cannot grow but many more that we shall be able to succeed with as soon as we find out a little more about them.

**BATHONIENSIS**—One of the strongest growing mossy varieties, with crimson flowers. Potted plants. Each 50c; 3 for \$1.25; \$5 per dozen.

**CORDIFOLIA** — Large succulent green leaves, turning crimson in fall. The pink flowers often appear so early in the spring that they are frozen before showing their beauty. 8-10 inches. April and May. 50c each; 3 for \$1.25; \$5 per dozen.

**MACNABIANA**—One of the silvery Saxifragas and not at all like the preceding. Rosettes of silvery green foliage and airy spikes of white flowers spotted with red. 50c each; 3 for \$1.25; \$5 per dozen.

**SEDUM (Stonecrop)**

Sedums vary widely in form of growth, flowers and colors of foliage. Because of this and the ease with which most of these are grown, they are useful in the rock garden. Because of their vigorous growth some varieties must be restricted to prevent their over-running smaller and more delicate kinds.

**ACRE** (Goldenmoss)—Low-growing green, fleshy leaves, covered in July with star-shaped yellow flowers. For the rockery or as a covering for dry banks. 20c each; 3 for 50c; \$2.00 per doz.

**AIZOON**—A Siberian variety growing 8-10 inches tall. Yellow flowers. Each 25c; 3 for 65c.

**ALBUM**—Somewhat like S. Acre in style of growth but the leaves have a slightly bluish cast and the growth is heavier. Flowers are nearly white. Good for the rockery. Rampant grower. 20c each; 3 for 50c; \$2.00 per dozen.

**ALBUM MURALE**—A dwarf form of Album with bronzy green foliage. Each 25c; 3 for 65c; \$2.50 per dozen.

**DASIPHYLLUM**—One of the mossy kinds with plump blue-green leaves. Flowers pink. 2-3 inches. Each 25c; 3 for 65c; \$2.50 per dozen.

**EWERSII**—Blue gray foliage and dull rose colored flowers in summer. 6 inches. For clefts in rockery; 25c each; 3 for 65c; \$2.50 per dozen.

**ELLACOMBIANUM**—A variety with green trailing foliage, yellow flowers and red seed vessels. As it flowers over a long season, the first of the seed pods are showing a bright red while there are still many heads of yellow flowers giving a fine contrast. Each 25c 3 for 65c; \$2.50 per dozen.

**FORSTERIANUM**—A very attractive form with branches something like very dense spruce branchlets. Leaves have a bluish cast. Flowers yellow. 25c each; 3 for 65c; \$2.50 per dozen.

**GLAUCUM**—Blue-green foliage and white flowers. 25c each; 3 for 65c; \$2.50 per dozen.

**KAMSCHATICUM**—A bushy little plant about 6 inches high. Yellow flowers in summer. Good for the fresh green foliage effect. Good in rockery or as edging plant for the perennial border. 25c each; 3 for 65c; \$2.50 per dozen.

**KAMSCHATICUM VARIEGATA** — Variegated leaves, green and yellowish white. Makes a striking contrast. 35c each; 3 for 95c; \$3.50 per doz.

**LYDIUM**—Formerly offered as Stahlii. Dark green mosslike bunches, growing but a few inches high. Delicate tinted flowers in spring. Foliage crimson tipped in fall. 25c each; 3 for 65c; \$2.50 per dozen.

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**MAXIMOWICZI** (Amur Stonecrop)—Erect growing, much like *Spectabile* except that flowers are yellow. 20c each; 3 for 50c; \$2.00 per dozen.

**MIDDENDORFIANUM**—One of the choice kinds forming neat bunches of foliage of a bronzy green color. Flowers yellow. Each 25c; 3 for 65c; \$2.50 per dozen.

**OREGANUM**—Dark green thickened leaves set closely around stem. 3-4 inches. Yellow. Each 25c; 3 for 65c; \$2.50 per dozen.

**REFLEXUM**—Light green fleshy leaves touched with bronze in fall. Yellow flowers. 25c each; 3 for 65c; \$2.50 per dozen.

**REFLEXUM CRISTATUM**—Very odd fasciculated stems which look like green Coxcombs. Each 50c; 3 for \$1.25.

**SARMENTOSUM** (String Sedum)—Spreading light green foliage and greenish-yellow flowers. Hardy here but must have good surface drainage. Attractive growing over the face of a rock. Rampant grower. 20c each; 3 for 50c; \$2.00 per dozen; \$12 per 100.

**SEXANGULARAE** — Green foliage and yellow flowers. Much like *Acre*, but smaller leaves. Not so hardy. 20c each; 3 for 50c; \$2.00 per dozen.

**SPECTABILE** (Showy Stonecrop)—The preceding varieties of *Sedum* are all rather low growing excepting *Maximowiczii* while this and the following are erect and taller in growth, being from 12 to 18 inches high. Useful in the rockery and valuable in the perennial border for the foliage is pleasing during the summer and the large flat heads of pink flowers are showy in Sept. Sun or shade. 20c each; 3 for 50c; \$2.00 per dozen.

**SPECTABILE BRILLIANT**—Like the preceding but flowers are dark rose or red color. 25c each; 3 for 65c; \$2.50 per dozen.

**SIEBOLDI**—Blue-green foliage with pink edging to leaves. Pink flowers in September. Not as hardy as some. 35c each; 3 for 95c; \$3.50 per dozen.

**STENOPETALUM** — A variety from the Rocky Mountains which requires shade and an acid soil. 2-3 inches. Yellow. Each 35c; 3 for 95c.

**STOLONIFERUM**—Mr. C. W. Wood of Cope-mish, Mich., an authority on *Sedums* tells me that my *S. Stoloniferum* are really *S. Spurium* and varieties and I think he is right but to save confusion in the nursery this year I am retaining the old names. Different lots from different growers show many variations which blend with one another till there seems no sure dividing line. This variety has green trailing foliage, dull rose colored flowers and foliage turns a beautiful crimson in fall. 20c each; 3 for 50c; \$2.00 per dozen.

**STOLONIFERUM ALBA**—The summer appearance is much like the preceding, but the flowers are nearly white. Does not color so much in the autumn. 20c each; 3 for 50c; \$2.00 per dozen.

**STOLONIFERUM COCCINEUM** — Dark rose-colored flowers and foliage has a reddish tinge during the summer but does not color so well in autumn. 20c each; 3 for 50c; \$2.00 per dozen.

**TERNATUM**—White flowers in May. Does well in partial shade. 25c each; 3 for 65c; \$2.50 per dozen.

## SILENE

**SCHAFTA**—Rosy purple flowers in July and August, on low tufted plants. 4-6 inches. Each 25c; 3 for 65c; \$2.50 per dozen.

## STACHYS

**LANATA**—(Lamb's Ear)—The downy white foliage is the ornamental feature of this plant. Lavender pink flowers in June. 12-15 inches. 25c each; 3 for 65c; \$2.50 per dozen.

## SEMPERVIVUM (Hen and Chickens)

Wonderfully interesting little plants for the rock garden. They love a sunny well drained spot. Although they thrive best if the roots can reach an abundance of soil, the plants will live and grow in tiny pockets where there is little dirt. There is much uncertainty and mixture of names among these plants. I think the following five kinds are correctly named.

**ARACHNOIDEUM** (Cobweb Houseleek)—Medium sized green rosettes of leaves connected by fine silvery, web-like hairs, hence the name. Star-shaped rose-colored flowers with a distinct scent of cypress wood. 35c each; 3 for 95c; \$3.50 per dozen.

**CALCAREUM**—Blue-green leaves with brownish tips. Large flattened rosettes. Greenish white flowers. 35c each; 3 for 95c.

**FIMBRIATUM**—Small, compact green rosettes, slightly hairy. Red flowers. Each 25c; 3 for 65c.

**HIRTUM**—A tiny variety, soon forming masses of green rosettes tinted brown. Each 25c; 3 for 65c.

**SOBOLIFERUM** (Houseleek)—Received as *globiferum*, but think above name is correct. Medium sized rosettes, green with bronze tints on outside of leaves. "Chickens" are tiny balls which detach easily from mother plant and roll away and start home-making for themselves. Each 25c; 3 for 65c.

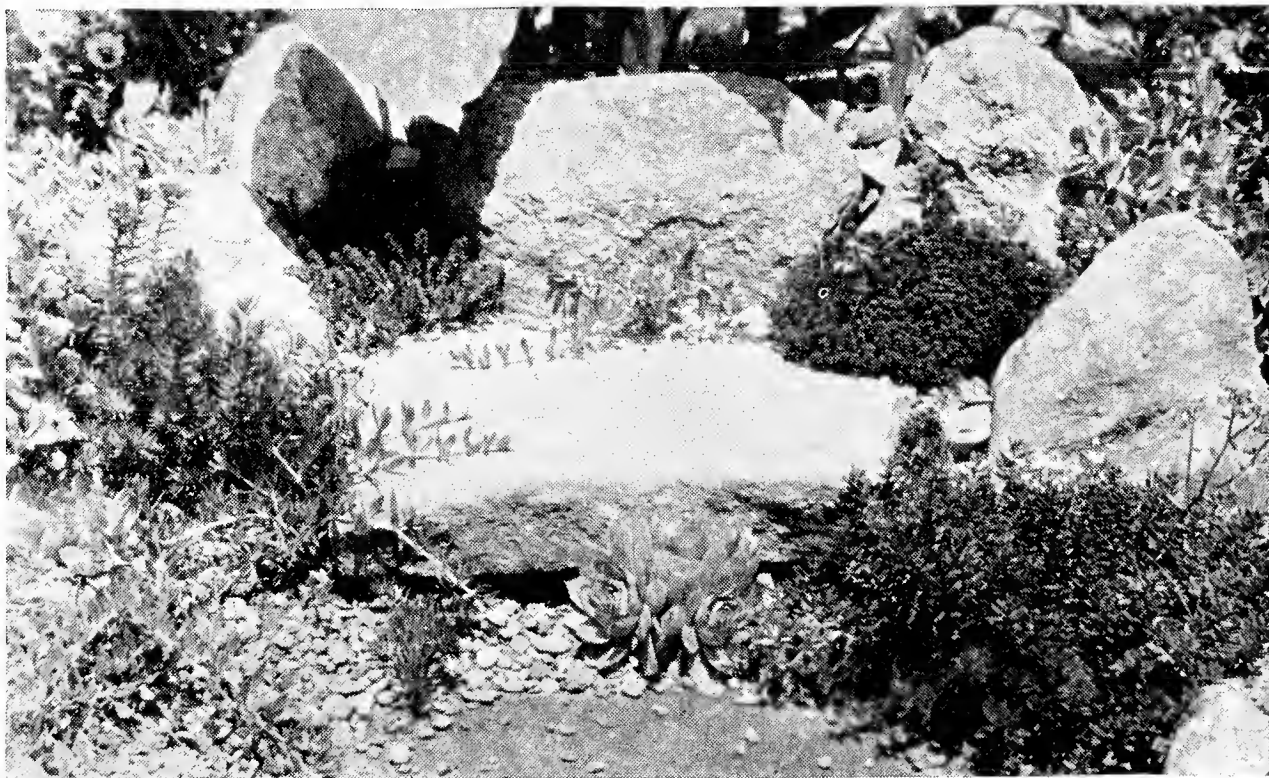
**TECTORUM** (Hen and Chickens)—Broad rosettes of green with reddish tips, flowers pale red. 25c each; 3 for 65c; \$2.50 per dozen.

## SEDUM SPECIAL OFFER

ONE EACH of  
T W E N T Y  
VARIETIES of  
SEDUM, plainly  
labelled, \$3.50.

## BABY PLANTS OF SEDUM

We can supply  
any of the above  
*Sedums* in strong  
young plants, divi-  
sions or from 2¼  
inch pots at 15c  
each or \$1.50 per  
dozen.



Part of Toole's Sedum Collection in the Garden of C. M. Oswalt, Mansfield, Ohio

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**SEMPERVIVUMS (Continued)**

The following varieties were grown from seed, supposedly from a reliable source. Mr. F. P. Quinby, White Plains, N. Y., who has made a thorough study of Sempervivums, writes me that these names are of doubtful accuracy, and I offer them with that understanding. They vary considerably and are most interesting.

**ARENARIA**—Rosettes of green leaves. Spreads readily. Fine for small rock garden.

**BRAUNII**—Medium sized green rosettes with brown tips.

**COMPT DE CONGAL**—A hybrid variety. 25c each.

**COMOLLI**—Red flowers. Bailey lists this as synonymous with *S. glaucum*.

**METTENIANUM**—Flat rosettes of gray green leaves marbled with grass green. Flowers rose colored.

**PURPUREA ACUTIFOLIA**—Probably another variation of *Tectorum*.

**PYRENAICUM**—One of the *tectorum* group with green leaves and reddish tips.

**SEGUERI**—An interesting hybrid variety.

**VERLOTTI**—Pale green leaves faintly tinged at tips with red brown. Flowers rose red.

**VIOLACEUM**—Still another variety of *Tectorum*.

Price: Any of the above seedling varieties, 15c each; 3 for 35c; \$1.25 per dozen.

**STATICE**

**DUMOSA**—New. Dense heads of tinted white flowers in July. For rock garden or border. 10-12 inches. Each 25c; 3 for 65c; \$2.50 per dozen.

**INCANA**—Rather coarse small white flowers in large panicles. Effective in rockery. Flowers dry well. 25c each; 3 for 65c; \$2.50 per dozen.

**THYMUS**

**CITRIODORUS** (Lemon Scented Thyme)—More upright in growth than the other varieties but the contrast is interesting. Distinct lemon scented leaves. Each 25c; 3 for 65c; \$2.50 per dozen.

**LANUGINOSUS** (Wooly Thyme)—For dry sunny places. A creeper especially suited for crevices in walks and steps and for the rock garden. Silvery wooly foliage. 25c each; 3 for 65c; \$2.50 per dozen.

**SERPILLUM** (Mother of Thyme)—Creeping plant with fragrant leaves and pink flowers. For crevices in walk and steps and for rock garden wall planting. Dry sunny place. 25c each; 3 for 65c; \$2.50 per dozen.

**SERPILLUM ALBUM**—A form of the above with foamy white flowers. Each 25c; 3 for 65c; \$2.50 per dozen.

**SERPILLUM COCCINEUM** (Crimson Thyme)—Same as above but flowers deep crimson in color. 25c each; 3 for 65c; \$2.50 per dozen.

**SPECIAL:—ONE EACH OF FIVE VARIETIES OF THYME FOR \$1.00.**

**TUNICA**

**SAXIFRAGA** (Coat Flower)—A pretty dwarf plant with pink flowers and fine foliage. Flowers most of the summer. Good for the rockery. 25c each; 3 for 65c; \$2.50 per dozen.

**SAXIFRAGA FL. PL.** (Double Flowered)—We have found this one of the loveliest additions to the rock garden for it flowers continuously all summer and fall, with tiny double delicate pink flowers. It forms no seeds and so does not spread like the single from self-sown seeds. Originated at Garry-nee-Dule. Strong plants. 50c each; 3 for \$1.25; \$5 per dozen.

**VERONICA (Speedwell)**

For other Veronicas see Hardy Perennial and Native Plant Sections.

**AUSTRIACA**—A somewhat hairy variety with medium blue flowers in June. 12-18 inches. For the border or larger rock garden. 25c each; 3 for

**CHAMAEDRYS** (Angel's Eyes)—Slender stems, large blue flowers. May-June. 12-18 inches. For the larger rock garden or border. 25c each; 3 for 65c; \$2.50 per dozen.

**CORYMBOSA STRICTA**—A tiny compact Veronica with blue flowers in May and June. 2-4 inches. Each 35c; 3 for 95c; \$3.50 per dozen.

**INCANA** (Wooly Speedwell)—Silvery foliage and blue flowers in June and July. 12 inches. Good for rockery or border. 25c each; 3 for 65c; \$2.50 per dozen.

**PROSTRATA**—Prostrate branches loaded with light blue flowers in June. For the rock garden. Each 35c; 3 for 95c; \$3.50 per dozen.

**REPENS** (Creeping Speedwell)—A tiny leaved creeping variety with very light blue flowers in May, for moist sun. 35c each; 3 for 95c; \$3.50 per dozen.

**SPICATA ERICA**—Spikes of delicate pink flowers in June and July. 8-12 inches. Each 35c; 3 for 95c; \$3.50 per dozen.

**SPICATA NANA**—A dwarf form of *V. spicata*, growing not over 6 to 8 inches. For the rock garden. 35c each; 3 for 95c; \$3.50 per dozen.

**TEUCRIUM**—Intense deep blue flowers on prostrate stems, in June. Very attractive in the rock garden. 25c each; 3 for 65c; \$2.50 per dozen.

**VIOLA**

**ADMIRATION**—For bedding or rock garden planting where a purple flower is desired. 5-6 inches. All summer. Three for 40c; \$1.50 per dozen.

**APRICOT QUEEN**—Yellow with deep orange center. Striking and effective. Flowered all summer with us last year through all the heat. Three for 40c; \$1.50 per dozen.

**ARKWRIGHT RUBY**—New. Free flowering small pansy or viola with bright ruby red flowers. Three for 40c; \$1.50 per dozen.

**BOWLES BLACK**—Tiny black flowers with violet centers. 6-8 inches. 3 for 40c; \$1.50 per dozen.

**JERSEY GEM**—Sweet scented violet-colored flowers are borne on stems that stand up during storms or sunny weather. For the border or rockery. 25c each; 3 for 65c; \$2.50 per dozen; \$15 per 100.



Viola Lutea

**JERSEY JEWEL**—A new variety with larger, darker flowers than Jersey Gem. Not better than the old variety, but enough different to be well worth growing. Each 35c; 3 for 95c; \$3.50 per doz.

**LUTEA**—Clear yellow flowers. One of the best free flowering violas. 3 for 40c; \$1.50 per doz.

**PAPILIO** — Light blue lavender flowers with lighter center. 3 for 40c; \$1.50 per dozen.

**ROSINA**—A new variety. Very sweet scented deep rose flowers. Blooms profusely in spring and fall. Of the same type as the sweet scented English or Russian Violet. Each 35c; 3 for 95c; \$3.50 per dozen.

**RUSSIAN VIOLET, SINGLE**—Also known as Hardy English Violet. Sweet scented violet colored flowers. Each 25c; 3 for 65c; \$2.50 per dozen.

**WHITE PERFECTION**—Of the type of a small pansy. Cream white flowers. For bedding or rock garden. 3 for 40c; \$1.50 per dozen.

## SPECIAL ROCK GARDEN SELECTIONS

### ROCK GARDEN NO. 1

This is suitable for the small Rock Garden with an area of 10 to 15 square feet. The plants in this selection all require a sunny exposure, are hardy and not difficult to grow. One each of the following 12 kinds for \$2.50, or if your garden is large enough, 5 each or 60 plants in all for \$10.

<i>Alyssum serpyllifolium</i>	<i>Saponaria ocymoides</i>
<i>Arabis Alpina</i>	<i>Dianthus deltoides</i>
<i>Campanula Carpatia</i>	<i>Dianthus caesius</i>
<i>Campanula rotundifolia</i>	<i>Gypsophila repens</i>
<i>Sedum Stoloniferum</i>	<i>Phlox subulata</i>
<i>Tunica saxifraga</i>	<i>Sedum Kamschaticum</i>

### ROCK GARDEN NO. 2

For those desiring more variety for a garden of 50 to 75 square feet where there is plenty of sun, this Rock Garden will be found most desirable. Three each of the following 20 hardy varieties of Rock Plants, 60 in all, for \$10.

<i>Alyssum rostratum</i>	<i>Phlox Subulata</i>
<i>Arabis Alpina</i>	<i>Cerastium Tomentosum</i>
<i>Saponaria ocymoides</i>	<i>Dianthus Deltoides</i>
<i>Gypsophila Repens</i>	<i>Dianthus Caesius</i>
<i>Nepeta Mussini</i>	<i>Tunica Saxifraga</i>
<i>Sempervivum Tectorum</i>	<i>Sedum Ewersii</i>
<i>Statice Incana</i>	<i>Campanula Carpatia</i>
<i>Sedum Lydium</i>	<i>Veronica Teucrium</i>
<i>Sedum Kamschaticum</i>	<i>Campanula Rotundifolia</i>
<i>Sedum Stoloniferum</i>	<i>Aquilegia canadensis</i>

### ROCK GARDEN NO. 3

#### FOR ROCK GARDEN IN THE SHADE

Often people will write for a list of plants for a Rock Garden to be planted under a tree "where nothing will grow." This is asking too much of almost any list of plants. Here is a selection of plants, largely native, that will do well in shade if given a soil of leaf mold and watered during the summer months. The flowers will appear almost entirely during the spring, leaving the ferns to provide most of the ornamental feature later in the season. Three each of the following 20 kinds, 60 plants in all, suited to a space of 50 to 75 square feet, for \$10, or one each, 20 plants in all, for a space of 20 to 25 square feet, for \$4.25.

<i>Aquilegia canadensis</i>	<i>Gentiana Andrewsii</i>
<i>Dicentra eximia</i>	<i>Sanguinaria Canadensis</i>
<i>Asarum Canadensis</i>	<i>Iris Cristata</i>
<i>Campanula rotundifolia</i>	<i>Trillium Grandiflorum</i>
<i>Hepatica acutiloba</i>	<i>Viola Pubescens</i>
<i>Mertensia virginica</i>	<i>Cypripedium Pubescens</i>
<i>Phlox divaricata</i>	<i>Vinca Minor</i>
<i>Folemonium reptans</i>	<i>Maiden-Hair Fern</i>
<i>Primula veris</i>	<i>Lady Fern</i>
<i>Aquilegia alpina</i>	<i>Evergreen Fern</i>

### ROCK GARDEN NO. 4

For ALL SEASON BLOOM, 30 PLANTS for \$5.00.

We offer THREE PLANTS of EACH of the following TEN VARIETIES, 30 PLANTS in all, and all good varieties for the beginner in Rock Gardening, carefully packed and labelled, for \$5. Enough for a Rock Garden 30 to 45 square feet.

*Alyssum Saxatile*, yellow  
*Campanula carpatia*, blue  
*Dianthus deltoides*, deep rose  
*Nepeta mussini*, blue  
*Veronica teucrium*, pink  
*Saponaria ocymoides*, pink  
*Sedum stoloniferum*, pink  
*Sedum ewersii*, pink  
*Sedum Stahlia*, smoky white  
*Tunica saxifraga*, light pink

### BEGINNER'S ROCK GARDEN

Here is a selection that is good for the beginner to start with as a foundation, and will always be desirable even if the rock garden reaches a larger size. ONE EACH OF THE FOLLOWING 12 GOOD VARIETIES, all strong plants, POST-PAID, for \$2.25; 3 OF EACH VARIETY, 36 in all for \$6.00.

<i>Alyssum saxatile</i>	<i>Sedum kamschaticum</i>
<i>compactum</i>	<i>Sedum reflexum</i>
<i>Arabis alpina</i>	<i>Gypsophila repens</i>
<i>Tunica saxifraga</i>	<i>Veronica spicata nana</i>
<i>Sedum stoloniferum</i>	<i>Phlox subulata rosea</i>
<i>Saponaria ocymoides</i>	<i>Festuca glauca</i>
<i>Dianthus deltoides</i>	



Hen and Chickens

### THE ROCK GARDEN IN SILVER AND GREY

While it is not to be expected that one will be contented with a Rock Garden made up only of these colors, the introduction of a liberal number of plants with silvery or grey foliage provides a fresh contrast of color at all times even when many of the plants may be out of flower.

Here is a list of Rock Garden plants, all good varieties, with silver or greyish green foliage. In addition to the foliage effect most of these kinds provide their own wealth of flowers.

<i>Alyssum Serpyllifolium</i>	<i>Festuca glauca</i>
<i>Artemesia frigida</i>	<i>Nepeta mussini</i>
<i>Cerastium tomentosum</i>	<i>Saxifraga macnabiana</i>
<i>Dianthus Arvensis</i>	<i>Sedum ewersii</i>
<i>Dianthus caesius</i>	<i>Sedum forsterianum</i>
<i>Sedum Sieboldi</i>	<i>Stachys lanata</i>

We can supply one each of the above 12 kinds for \$3, or 3 of each for \$8.

You'll want to take advantage of my SPECIAL FRIENDSHIP OFFER described on inside page of front cover.

ABOVE PRICES INCLUDE EXPRESS OR PARCEL POST PREPAID TO YOUR DOOR.

# Wisconsin Wild Flowers

We are just beginning to realize the possibility of growing our many desirable native plants and ferns in our perennial borders, rock gardens or wild gardens. Many would be considered wonderfully choice and rare if they came from some distant country.

Of course, our wild flowers appear to best advantage in the lavishness of natural wild conditions. Few of us can enjoy more than fleeting glimpses of their beauty in the wild, so if we are to enjoy them we must have them in our gardens.

Here at Garry-nee-Dule we are gathering together, growing and propagating many of our native plants in our Wild Flower Nursery, ready to transplant to your gardens, where you may enjoy their beauty every day.

One corner of our farm, too rough for cultivation, has been turned into a wild flower preserve where we are gathering together many of our native varieties of shrubs and trees and plants so they may be grown and observed under natural conditions. A Nature Trail winds through the tract where you will find most varieties marked with attractive and unique markers. Mrs. Toole and I would enjoy having you wander through the Nature Trail at any time during the spring or summer.

If you are interested in quantities of any varieties of wild flowers for extensive plantings, we will gladly quote special prices on receipt of your lists.



Nursery Beds of Wild Flowers at Garry-nee-Dule

## ACORUS

**CALAMUS** (Sweet Flag)—Stiff, swordlike, light green leaves. 2-4 ft. Flowers not conspicuous. Aromatic pungent rootstocks may be preserved like ginger. For damp places along streams or edges of bog gardens. 20c each; 3 for 50c; \$2 per dozen; \$10 per 100.

## ACTAEA

**ALBA** (White Baneberry)—Coarse leaves, ivory white berries with red stems. Open shade. Good combined with Maiden-Hair or Lady Ferns. 3 for 40c; \$1.50 per dozen; \$12 per 100.

**RUBRA** (Red Baneberry)—Same as above except berries are red. The Baneberries are very useful to add color to the shaded garden in late summer when there are few or no flowers. Three for 40c; \$1.50 per dozen.

## ANAPHALIS

**MARGARITACEA** (Pearly Everlasting)—Lightly acid dry soil in open. Good for winter bouquets. 1-3 ft. White. August. 25c each; 3 for 65c; \$2.50 per dozen; \$12 per 100.

## ANEMONE

**CANADENSIS** (Meadow Anemone)—We find this plant growing wild in rather open, moist spots. A plant in the garden will spread slowly to cover quite a space if left to its inclinations. The white flowers start to appear in June and continue for many weeks, if conditions are favorable. 1-2 ft. 20c each; 6 for \$1; \$12 per 100.

**PATENS VAR. NUTTALIANA** (American Pasqueflower, Badger) — The first flower of spring appearing even before the Arbutus. Wild it is found on open, sandy meadows, or in open places in the woods. The tulip-shaped light lavender flowers sometimes appear before the last snowbanks are gone. The flowers appear very close to the ground but the flower stems continue to lengthen before the flower has faded and by the time the silky plume of the seeds appear, the stem may be 10 to 12 inches high. Must have well drained soil. Good for rockery. 20c each; 6 for \$1; \$2 per dozen; \$12 per 100.

## ANEMONELLA

**THALICTROIDES** (Rue Anemone)—White flowers set in a group of fine leaves. Leaf mold soil, light shade. White flowers in April or early May. 4-7 inches. Plant in masses. Three for 25c; \$1.00 per dozen.

## AQUILEGIA

**CANADENSIS** (American Columbine) — It grows nicely on dry, rocky ledges in light shade or full sun. Scarlet and yellow flowers on plants 1 to 2 feet tall in late May and June. 25c each; 3 for 65c; \$2.50 per dozen.

## ARENARIA

**STRICTA** (Sandwort) — A low growing and spreading mosslike plant found on sandy hillsides and rocky points. Good for the sunny, well drained rockery. 20c each; 6 for \$1; \$2 per dozen.

## ARISAEMA

**DRACONTIUM** (Green Dragon) — More curious than beautiful. "Jack" is very long and slender while the pulpit is green. May. 8-10 inches. 3 for 50c; \$1.50 per dozen.

**TRIPHYLLUM** (Jack-in-the-Pulpit) — Who does not know Jack, preaching from his brown pulpit, and what country boy hasn't tried to get his innocent city friend to taste the biting hot bulb? Interesting if forced in the house in winter. 20c each; 8 for \$1.

## ASARUM

**CANADENSIS** (Wild Ginger)—The heavy root stalks have a pleasant gingery flavor which gives this plant its name. The curious brown flowers appear in May on the large leaved plants, which grow 6 to 8 inches high in shady woods. Good for a ground cover. 20c each; 8 for \$1; \$8 per 100.

## ASCLEPIAS

**TUBEROSA** (Butterfly Weed) — Found growing naturally on light sandy, well-drained soils. Under cultivation we find it lasts for years in heavy clay, but here it flowers best during hot, dry seasons. Brilliant orange flowers in June, on plants 19 inches high. Well suited to a dry, exposed situation. Good for rockery or border. 25c each; 3 for 65c; \$2.50 per dozen.

## ASTER

**LINARIIFOLIUS** (Stiff or Savory Leaved Aster) — Rough, hairy dark green narrow foliage. Found native on rather poor sand but appears to make a very attractive ball-shaped mass of green, with small purple flowers. 8 to 12 inches high throughout September. For the sunny rock garden. Each 25c; 3 for 65c; \$2.50 per dozen.

**SERICEUS** (Silky Leaved Aster)—Another friend of barren sands which does a little better if given a very well drained soil of moderate quality. A native aster with sparse, silky gray-green leaves and mauve flowers. 12-20 inches. August-Sept. Each 25c; 3 for 65c; \$2.50 per dozen.

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**CALTHA**

**PALUSTRIS** (Marsh Marigold)—Grows wild in boggy places and on the edges of little streams, but will do well in rich garden soil. Golden yellow flowers in early May. 20c each; 3 for 50c; \$12 per 100.



Yellow Lady Slippers

**CAMPANULA**

**ROTUNDIFOLIA** (Blue Bell)—We find this very dainty little flower nodding and swaying at the edges of steep, rocky cliffs or on barren wastes and hummocks in swamps. Grows in a variety of soils though it loses some of its charm if planted in rich soil where the growth is heavy. Identical with Scotch Blue Bell. 25c each; 3 for 65c; \$2.50 per dozen.

**CAULOPHYLLUM**

**THALICTROIDES** (Blue Cohosh)—Good to use with *Actaea alba* and *rubra* in fern plantings. Blue berries in early autumn. 10-15 inches. 20c each; 3 for 50c; \$2.00 per dozen.

**CHELONE**

**GLABRA** (Turtle-head)—Curious white flowers in August and September. For the bog garden or in the border. 1-2 ft. Each 25c; 3 for 65c; \$2.50 per dozen.

**CLAYTONIA**

**VIRGINICA** (Spring Beauty) — Grasslike leaves and rose-colored flowers in early spring growing from a small bulb. Rich shade. 2-4 inches. 15c each; 3 for 40c; \$10 per 100.

**CLINTONIA**

**BOREALIS** (Blue Beard)—Stems of creamy white flowers in late May or June followed by clear blue smooth round berries. Requires very acid loose soil. About six inches high. Each 25c; 3 for 65c; \$2.50 per dozen.

**CORNUS**

**CANADENSIS** (Bunch Berry) — Flowers are white in May or June, followed by vivid scarlet berries. Damp, cool, intensely acid soil. Difficult. 3-8 inches. 20c each; 3 for 40c; \$10 per 100.

**CYPRIPEDIUM**

No orchids are more beautiful than our native varieties of Lady Slippers. Especially effective planted in partial shade in combination with native ferns. Each bud in a clump counting as one plant.

**ACAULE** (Moccasin Flower)—Two leaves from which grow the flower stalk. 6-10 inches. Rose-pink flowers. Acid soil necessary. Easily forced into flower in winter in a sunny window. Late May and June. 25c each; 3 for 65c; \$2.50 per dozen.

**PARVIFLORUM** (Yellow Lady Slipper) — This is the form of Yellow Lady Slipper with small yellow flowers. 25c each; 3 for 65c; \$2.50 per dozen; \$15.00 per 100.

**PUBESCENS** (Yellow Lady Slipper)—Does well in any rich, partly shaded location. Yellow slipper and brown-purple petals. May and early June. This is the easiest to grow of the Lady Slippers. 25c each; 3 for 65c; \$2.50 per dozen; \$15.00 per 100.

**SPECTABILE** (Showy Lady Slipper)— — This is the finest and most showy of all orchids. It grows up to 2 feet high, bearing along the stalks several roundish leaves, and on top one or two quite large rose-purplish or magenta and white flowers. Does exceedingly well in a moist and partially shaded bed of peat or leaf loam. It is also a good plant for the cool greenhouse. Nothing can be more charming than masses of this beautiful orchid. 25c each; 3 for 65c; \$2.50 per doz.; \$15 per 100.

**SPECIAL**—ONE EACH of the above FOUR LADY SLIPPERS for \$1.00; 3 of each for \$2.50.

**DICENTRA**

**CUCULLARIA** (Dutchman's Breeches) — Finely divided leaves and white flowers in long racemes. Flowers here in April and early May. Foliage dies to ground early in the season leaving only a small bulb. Likes a rich, shady spot. Does well as a rock plant. 15c each; 4 for 50c; \$1.50 per dozen.

**DODECATHEON**

**MEADIA** (Shooting Star)—A rosette of very smooth leaves from which the flowering spike grows in May and June. Heads of white or tinted pink cyclamen-like flowers. Thrives in sun or partial shade. Good for rockery or border. These should be grown more freely. 20c each; 3 for 50c; \$2 per dozen.



Dog Tooth Violet

**ERYTHRONIUM**

**AMERICANUM** (Dog-Tooth Violet; or Adder's Tongue)—Long green leaves mottled with white and purple spots. Light yellow flowers in early spring. Likes a moist situation. Plant bulbs deep. 15c each; \$1.50 per dozen; \$10 per 100.

**ALBIDUM**—Much like the above except the flowers are white, tinted lavender. Bulbs, 15c each; \$1.50 per dozen; \$10 per 100.

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**EPILOBIUM**

**ANGUSTIFOLIUM** (Fireweed or Willow-Herb)—One may often see acres and acres of the magenta pink flowers on newly cleared or burned over open sections of woodland, where it makes a wonderful sight. 3-6 ft. July-August. 25c each; 3 for 65c; \$2.50 per dozen.

**EUPATORIUM**

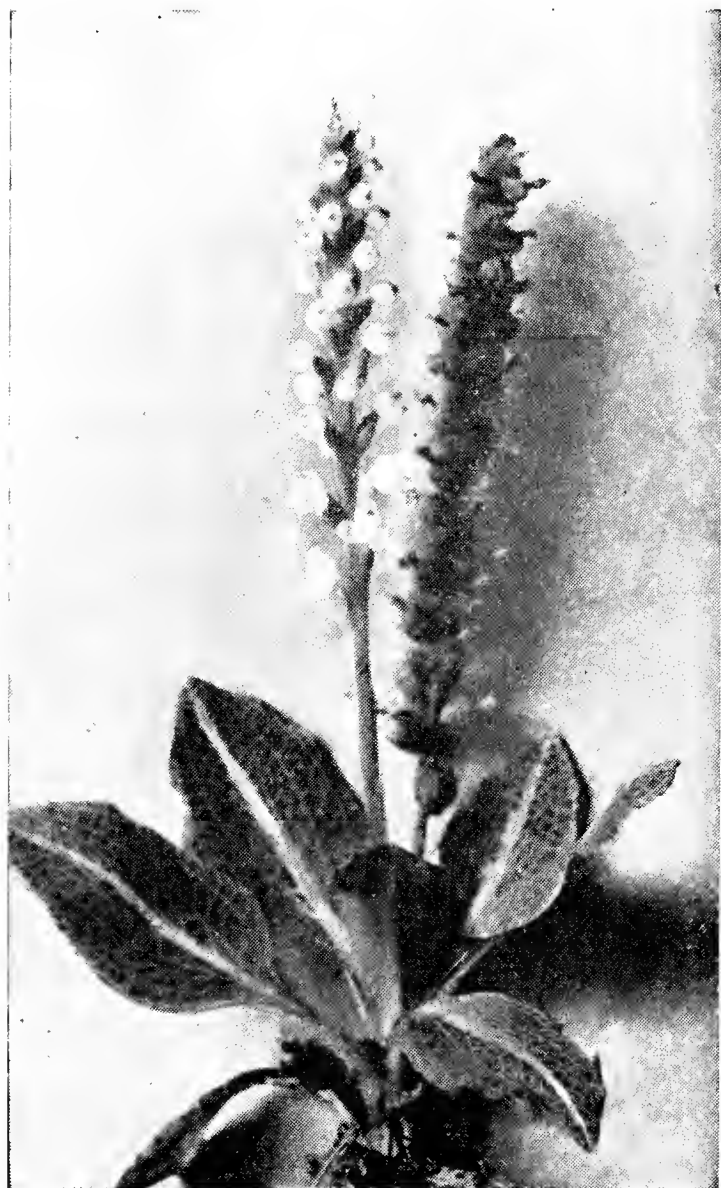
**URTICAEFOLIUM** (White Snakeroot)—One to three feet. July to September. This plant will grow in, and in fact seems to prefer deeper shade than any late flowering plant I know of. Often found in deep, moist glens, so shady that no other flowering plant grows. Will also do well in full sun but the stems are shorter and stiffer. Good as a white cut flower to use with others in bouquets. 25c each; \$2.50 per dozen; \$15 per 100.

**EUPHORBIA**

**COROLLATA** (White Spurge)—Abandoned sandy fields are a mass of this white flower all summer. Readily takes to cultivation. 20c each; 3 for 50c; \$2 per dozen; \$10 per 100.

**GAULTHERIA**

**PROCUMBENS** (Wintergreen)—Desired because of the flavor of its leaves and red berries. Requires a medium acid soil. Difficult to transplant. 2-5 inches. 25c each; 3 for 65c; \$2.50 per dozen.



Epipactis

**EPIPACTIS**

**PUBESCENS** (Rattlesnake Plantain)—An orchid with rosettes of blue-green leaves netted with white lines. Stalks of delicate white flowers. 6-12 inches. Needs shade and leaf mold. A most attractive little plant. Formerly listed as Goodyera repens. 3 for 40c; \$1.50 per dozen.

**GENTIANA**

**ANDREWSII** (Closed Gentian)—Clusters of blue flowers in September and October. One of our latest flowers to bloom. Enjoys a rich, and moist location. 25c each; 3 for 65c; \$2.50 per dozen.

**GERANIUM**

**MACULATUM** (Wild Geranium)—12-18 inches in June. Light magenta pink. Does well in light shade or sun. Effective in masses. 20c each; 3 for 40c; \$1.50 per dozen.

**GEUM**

**TRIFLORUM** (Old Man's Whiskers or Prairie Smoke)—Finely cut leaves, reddish flowers. Plumy grayish seed heads are the reason for the picturesque names. Sandy soil, sun. 6-10 inches. Each 25c; 3 for 65c; \$2.50 per dozen.

**HABENARIA**

**PSYCODES** (Purple Fringed Orchis) — The lilac-pink flowers, fragrant and delicately fringed, are borne on slender stems 12-30 inches high. Not difficult to establish in moist locations. One of the very beautiful orchids. 35c each; 3 for 95c; \$3.50 per dozen.

**HELENIUM**

**AUTUMNALE** (Sneezewort)—In late August and September the borders of swampy ground and the moist, rich bottom land bordering streams are yellow with this attractive perennial. It is much planted in open perennial borders. 2-5 ft. 25c each; 3 for 65c; \$2.50 per dozen.

**HEPATICA**

**ACUTILOBA** (Liverleaf) — One of the early spring wild flowers appearing usually sometime in April. 3-5 inches high. Does well in shade or sun in rich humus soil. 25c each; 3 for 65c; \$2.50 per dozen; \$12 per 100.

**TRILOBA** — Is much the same as above except lobes of the leaves are rounded, and the growth is somewhat more compact. I have usually found these where the soil is a little more acid than the preceding. Each 25c; 3 for 65c; \$2.50 per dozen.

**HEUCHERA**

**HISPIDA** (Alum Root)—Green flowers with orange anthers on slender stems 12-15 inches high. The fluted heart-shaped leaves are more ornamental than the flowers. Seems to thrive under widely varying conditions. Interesting in a larger rock garden. Each 25c; 3 for 65c; \$2.50 per doz.

**IRIS**

**CRISTATA LACUSTRIS** — This is the northern form of the Crested Iris. Grows freely on the moist, sandy beaches on the shores of Lake Michigan. Useful in the rockery or edge of border. 20c each; 3 for 50c; \$2 per dozen.

**VERSICOLOR** (Blue Flag)—Native to low, wet places, this Iris is well suited to water gardening but will grow well on drier soil. Violet blue. 15-20 inches, late June. 20c each; 3 for 50c; \$2 per dozen; \$10 per 100.

**JEFFERSONIA**

**DIPHYLLA** (Twinleaf)—Two parted leaf on long stem. Flower white, somewhat resembling blood root. Plant in masses. Neutral soil, shade. 8-15 inches. May. Each 20c; 3 for 50c; \$2 per doz.

**LIATRIS**

**PYCHNOSTACHYS** (Blazing Star) — Buttonlike flowers set on spikes or stalks 4-5 ft. August-September. Very showy if massed in border. Appreciate good soil but will grow on very poor soil. Dark mauve or orchid colored flowers. 25c each; 3 for 65c; \$2.50 per dozen; \$15 per 100.

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Blazing Star

**LILIUM**

**SUPERBUM** (Meadow Lily) — Yellow to orange red spotted flowers. July. 3-6 ft. Needs moist soil. Plant 6 to 8 inches deep. Bulbs, 25c ea.; 3 for 65c; \$2.50 per dozen.

**PHILADELPHICUM** (Wood Lily) — Upright orange flowers on stalks 1-2 ft. high. Is found here in open woods and sandy soil. The bulbs, which are small, should be planted about 4 inches deep. July - August. Bulbs, 25c each; 3 for 65c; \$2.50 per dozen.

**LIPARIS**

**LILIFOLIA** (Large Twayblade) — An orchid found on upland shaded hillsides. Not particular as to soil acidity. Small spikes of madder purple flowers in June or July. 4 to 5 inches. Plant in groups. 3 for 65c; \$2.50 per dozen.

**LITHO-SPERMUM**

**CANESCENS** (Puccoon) — Masses of brilliant orange flowers in May and June. 8-16 inches. Moderately acid soil. 25c each; 3 for 65c; 2.50 per dozen.

**LOBELIA**

**CARDINALIS** (Cardinal Flower) — Brilliant and showy cardinal flowers on stalks 2-4 feet high in August. Grows wild along the sides and even on the beds of creeks where it is covered with two or three inches of water part of the year. Will grow in fertile garden soil. 25c each; 3 for 65c; \$2.50 per dozen; \$15 per 100.

**SYPHILITICA** (Great Blue Lobelia) — May be planted in bog gardens and damp places, but will thrive on rich upland soil. 1-3 feet. Light blue violet. July-August. Each 25c; 3 for 65c; \$2.50 per dozen.

**MERTENSIA**

(R) **VIRGINICA** (Virginia Cowslip) — One of the earliest spring wild flowers. The bluish-green shoots and leaves are quickly followed by delicate pink buds and beautiful bell-shaped light blue flowers. Leaves disappear entirely for the rest of the year after flowering season, so it is well to plant it in connection with a bed of ferns or other plants carrying foliage late in the season. 1 to 2 feet. 20c each; 6 for \$1; \$2 per dozen; \$12 per 100.

**MITCHELLA**

(R) **REPENS** (Partridgeberry) — A trailing evergreen with red berries in fall. Does well under evergreen trees and is very valuable as a ground cover in any shady place among the rocks. Delicate pink flowers in June or July. Responds favorably to application of bone meal. 15c each; 8 for \$1; \$8 per 100.

**MITELLA**

**DIPHYLLA** (Bishopscap) — Maple shaped leaves on a slender plant. The delicate white flowers are supposed to represent a bishop's cap though they have more the appearance of a snow crystal. For partly shaded rockery. White. 12-18 inches. May 20c each; 6 for \$1; \$2 per dozen.

**MONARDA**

**FISTULOSA** (Wild Bergamot) — Whole hillsides are often covered in late July and August with the lilac-colored flowers. Lovely cut and used in baskets with other flowers. 3-5 ft. 25c each; 6 for \$1; \$2 per dozen.

**NYMPHAEA**

**ADVENA** (Spatterdock) — Rather small yellow flowers. 25c each; 3 for 65c; \$2.50 per dozen.

**ODORATA** (American Waterlily) — The wild, white Waterlily of our northern ponds and sluggish streams. 35c each; 3 for 95c; \$3.50 per dozen.

**OPUNTIA (Cactus)**

(R) **FRAGILIS** (Small Prickly Pear) — A very hardy Cactus which grows wild in sandy places or on hot, dry south exposures of some of our rocky bluffs. Flat stems and long spines. Said to have yellow flowers in July but I have never been able to surprise a plant in the act of flowering or fruiting. 2-6 inches. Good for dry rock garden or cactus bowl in the house. 25c each; 3 for 65c; \$2.50 per dozen.

(R) **RAFENESQUII** (Prickly Pear) — Grows under the same conditions as preceding but the flat stems are much larger and may reach a height of 12 inches and will spread out over an area of 2 feet across. Yellow flowers in July, and red edible fruit in fall. 25c each; 3 for 65c; \$2.50 per doz.

**ORCHIS**

(R) **SPECTABILE** (Showy Orchis) — Somewhat misnamed as the rosy-lavender and white flowers are too delicate to be termed showy. 3-8 inches high in May or June. Found in rich leaf mold soil in the woods, but does well in open sun if soil is rich and moist. 35c each; 3 for 95c; \$3.50 per dozen.

**PENTSTEMON**

**GRANDIFLORA** (Shell Leaf Pentstemon) — While this is a fairly common native plant in some sections and by no means new to cultivation, it seems to me so attractive that it deserves to be featured. Growing 2 to 3 feet tall, the long spikes of dainty lavender-blue are unlike anything else in the garden. With us the flowers are at their best in late May and June. Beautiful and lasting as cut flower. It likes an open, sunny place and seems to do well on clay or lighter soil. Strong plants. 25c each; 3 for 65c; \$2.50 per dozen.

**PODOPHYLLUM**

(R) **PELTATUM** (Mandrake) — 12-18 inches. May and June. White, waxy flowers hidden by two large umbrella shaped leaves. Fruit edible if you like it. 20c each; 3 for 50c; \$2 per dozen.

**PETALOSTEMUM**

**CANDIDUM** (White Prairie Clover) — Divided leaves and heads of tiny white pea flowers in summer. Sunny, well drained soil. 1-2 ft. For meadow planting or rock garden. Each 25c; 3 for 65c; \$2.50 per dozen.

**PURPUREUM** (Violet Prairie Clover) — Much the same as the white variety except flower heads are violet purple in color. Each 25c; 3 for 65c; \$2.50 per dozen.

Your will find a handy Index to this catalog on the inside back cover.

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**PHLOX**

**DIVARICATA** (Wild Woods Phlox)—Six to twelve inches. Light lavender-blue flowers in May. Will force nicely in greenhouse in winter. Seems to prefer a little shade when cultivated. Found wild in moist but not swampy woods. It must have some attention that it does not get crowded out in summer. 25c each; 3 for 65c; \$2.50 per dozen.

**PILOSA** (Prairie Phlox)—Nine to fifteen inches. June. Flowers variable in color but mostly magenta shade. Grows naturally in open situation in swampy ground or in poor, sandy soil. 25c each; 3 for 65c; \$2.50 per dozen.

**POLEMONIUM**

**REPTANS** (Jacob's Ladder)—Grows in somewhat damp, shady places, but does well under cultivation, under almost any conditions. 10-12 inches. May-June. Bell-shaped violet-blue flowers. 20c each; 3 for 50c; \$2 per dozen; \$12 per 100.

**POLYGONATUM**

**BIFLORUM** (Solomon's Seal) — The blue-black berries hanging from the under side of arching leafy stalk growing 18-30 inches tall make an attractive picture. Effective overhanging pools in the shady rock garden or the wild garden. Inconspicuous flowers in May. Berries June and July. 20c each; 3 for 50c; \$2 per dozen.

**POTENTILLA**

**TRIDENTATA**—When well established in the rock garden this white flowered Potentilla is attractive. Shining, dark green foliage, attractive all summer. I have found this growing in crevices of granite rock along the shores of Lake Superior where there was not one grain of soil visible, and on the sand in south central Wisconsin among Jack Pines. Thrives here in well drained soil that is one half peat moss. Requires medium acid soil. Each 25c; 3 for 65c; \$2.00 per dozen.

**PRIMULA**

**MISTASSINICA** (Arctic Primrose)—A tiny little primrose that seems to thrive in a soil of part leaf mold and part sand or peat moss, soil and sand. Needs plenty of moisture but good drainage, and light shade. Tiny mauve flowers on stems 2 to 3 inches tall in late May or early June. Each 35c; 3 for 95; \$3.50 per dozen.

**RANUNCULUS**

**FASCICULARIS** (Early Spring Buttercup)—A very early yellow flower growing on warm sandy slopes. Because of its earliness well worth growing in the rock garden. 3-4 inches. April. 3 for 40c; \$1.50 per dozen.

**SANGUINARIA**

**CANADENSIS** (Bloodroot)—Pure white flowers with a small yellow center. The pointed buds and white flowers, clasped by the unfolding leaves appear very early in the spring. Plant the tuberous roots barely below the surface in rich leaf mold soil, preferably in light shade. 4-8 inches. April-May. 15c each; 4 for 50c; \$1.50 per dozen.

**SARRACENIA**

**PURPUREA** (Pitcher Plant)—These plants with the curious pitcher-like leaves and odd brown flowers are very interesting. Grow in the acid sphagnum or peat of bogs or swamps. For the bog garden. June. 12-18 inches. 25c each; 3 for 65c; \$2.50 per dozen.

**SILENE**

**STELLATA** (Starry Campion) Fringed white flowers in July and August. Open ground or light shade. Indifferent as to soil acidity. 2-3 ft. Each 25c; 3 for 65c; \$2.50 per dozen.

**PENNSYLVANICA**—Crimson pink flowers on low plants. 4-5 inches. Likes rock ledges or gravel. May-June. Sun or light shade. Neutral or lightly acid soil. Each 20c; 3 for 50c; \$2 per dozen.

**SISYRINCHIUM**

**ANGUSTIFOLIUM** (Blue Eyed Grass) — Small deep blue flowers rising above the grass-like leaves, in May or June. An interesting addition to the lightly shaded or sunny rock garden. Plant in groups of several plants. 6-10 inches. 20c each; 3 for 50c; \$1.50 per dozen.

**SMILACINA**

**RACEMOSA** (False Solomon's Seal) — A small panicle of creamy-white flowers in May, followed by speckled reddish brown berries. Easily cultivated. Good for the rock garden or in wild planting. 12-20 inches. 25c each; 3 for 65c; \$2.50 per dozen.

**TALINUM**

**RUGOSPERMUM** — A curious little plant found growing wild on dry, sunny, barren sandy waste land where it does not have to compete with other plants. Given similar conditions in the rock garden, it will thrive but cannot survive on good soil. The plant is but two or three inches tall with curious fleshy round leaves and small pink star-shaped flowers. Each 25c; 3 for 65c; \$2.50 per dozen.

**TRADESCANTIA**

**VIRGINIANA** (Spiderwort)—A clear blue flower, growing here mostly on open sandy or gravelly hillsides, but found on moist soil in some sections. Effective in the sunny border, around pools or in the open wild garden. 12-30 inches. June to August. 15c each; 4 for 50c; \$1.50 per dozen.

**BREVICAILIS**—More dwarf and compact than Virginiana with rose-colored flowers. For the sunny rock garden. 8-12 inches. June-August. 15c each; 4 for 50c; \$1.50 per dozen.



Trillium

**TRILLIUM**

**GRANDIFLORUM** (Wake Robin)—Flowers white sometimes changing to pink. June. Needs rich soil and light shade. Plant the tubers a few inches deep. 10-15 inches. 3 for 25c; \$1 per dozen; \$7 per 100.

**NIVALE** (Snow Trillium)—A tiny variety often but 2 or 3 inches high. Small white flowers sometimes before the last snowbank has gone in late March or early April. 3 for 40c; \$1.50 per dozen.

**RECURVATUM**—Mottled leaves and purple flowers in April. 10-12 inches high. 3 for 40c; \$1.50 per dozen.

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**TYPHA**

**LATIFOLIA** (Cat Tail)—Easily grown along the edge of a pool or in a bog garden but should be planted in a pail or a tub or it will crowd out other plants if used in a pool. 25c each; 3 for 65c; \$2.50 per dozen.

**UVULARIA**

**GRANDIFLORA** (Bellwort) — These odd yellow flowers with the peculiar twisted petals are very effective if massed or appear to good advantage in a planting of hardy ferns. May-June. 8-15 inches. 15c each; 4 for 50c; \$1.50 per dozen.

**VERNONIA**

**NOVEBORACENSIS** (Ironweed)—Grows naturally in damp almost swampy ground where the purple heads of flowers are very attractive. Grows well in the hardy border or in a sunny wild planting. 4-6 ft. August-September. 25c each; 3 for 65c; \$2.50 per dozen.

**VERONICA**

**VIRGINICA**—Slender spikes of white or pink flushed flowers on tall stalks ranging from 3 to 7 feet in height. A striking plant as viewed in open woods or meadows. Useful in the perennial border as well as in the wild garden. July to Sept. 25c each; 3 for 65c; \$2.50 per dozen.

My largest selling garden selection—**DREAM GARDEN**, described on page 12.

**VIOLA**

**BLANDA** (Sweet White Violet) — In its native haunts it is usually found along the moist sides of little streams or in damp meadows, but it seems to thrive even better on higher ground if not allowed to be crowded out with weeds. Tiny, sweet scented white flowers. 2-3 inches. May. 20c each; 6 for \$1; \$1.50 per dozen.

**CANADENSIS** (Canadian White Violet) — Large white violet tinted with pink on the outside. The flowers grow upright on branching stalks. Flowers most of the summer, spreads rapidly. 4-8 inches. 25c each; 3 for 65c; \$2.50 per dozen.

**PEDATA** (Bird's Foot Violet) — Grows profusely on somewhat acid well-drained sandy soil, producing the beautiful pansy-shaped flowers in greatest profusion. There is great variation in the color of the flowers from different plants, ranging from palest blue or lavender to darker pink, blues or purples. If given favorable soil, it is well adapted to massing in the sunny rock garden. 3-8 inches. May and June and often again in the fall. 15c each; 8 for \$1; \$10 per 100.

**PEDATA BICOLOR** (Pansy Violet)—A form of the above with the two upper petals a deep pansy purple color. We have found it enjoys an abundance of peat moss. Each 20c; 3 for 50c; \$2 per dozen.

**PUBESCENS** (Yellow Violet) — For the Wild Garden or shaded Rock Garden, where the yellow flowers add an attractive touch of color. A hillside in our wild garden is yellow in May with their cheerful flowers. 6-12 inches. 15c each; 8 for \$1; \$10 per 100.

## American Natives

Following are Native varieties from other parts of the United States which we find are hardy in Wisconsin:

**ANTENNARIA**—Species Unknown—(Pussytoes)—A dwarf everlasting from Idaho with silver white foliage and white flowers. Well drained acid soil and probably light shade under mid-western conditions. Each 50c.

**ERIGONIUM OBOLIFOLIUM** (Sulphur Plant) Prostrate plants, downy leaves, white flowers. Well drained somewhat acid soil. From mountains in Idaho. Each 50c.

**HOUSTONIA SERPYLLIFOLIA** (Innocence)—Tiny leaves forming a close low mat and blue flowers. Require acid soil and plenty of moisture. From North Carolina. Each 35c; 3 for 95c.

**HOUSTONIA PURPUREA**—Upright growing, 4-5 inches. White flowers. Also requires acid soil. From North Carolina. Each 35c; 3 for 95c.

**IRIS MISSOURIENSIS** (Rocky Mountain Iris) —From Idaho. Pale blue Iris flowering in May. Found along mountain streams and in meadows. Not hard to transplant. Each 35c; 3 for 95c.

**OPUNTIA ALBISPINA**—A hardy Prickly Pear Cactus from Northern Montana. White spines thickly set and light yellow flowers. Each 25c; 3 for 65c.

**MAMMILARIA PURPUSI**—One of the pincushion type of cacti. Very spiny, rose colored flowers. From Northern Montana. Each 25c; 3 for 65c.

**SEDUM TERNATUM**—White flowers in May. Does well in shade. 4-6 inches. Eastern U. S. native. Each 25c; 3 for 65c.

**SEDUM STENOPETALUM** — A low growing Rocky Mountain variety, yellow flowers. Each 25c; 3 for 65c.

**SHORTIA GALACIFOLIA**—Rather shining leaves and white or pink flowers. Requires shade and acid soil. Carolina mountain plant. Each 35c; 3 for 95c.

### Selection of Small Ferns for Shaded Rock Garden

THREE EACH OF WALKING FERN;  
COMMON POLYPODY; MAIDENHAIR  
SPLEENWORT; OBTUSE WOODSIA;  
TWELVE IN ALL FOR \$2.25.

## A Fern Bed of 30 Choice Plants for \$5.00, Postpaid

I am offering for \$5.00—10 OSTRICH PLUME, 10 LADY FERNS, and 10 CLAYTON FERNS. ONE-HALF THE ABOVE ASSORTMENT FOR \$3.00.

These three Ferns represent three distinct types and will make a splendid combination as a background for many varieties of perennial flowers in the open or half shaded places. When once planted, they will come back stronger from year to year if reasonable care is given. They will grow in common garden soil, which can be improved by the addition of leaf mold or pulverized peat. Plant these Ferns 12 to 18 inches apart and give them a thorough soaking to settle the soil around the roots, and mulch to preserve moisture. On arrival give them a good watering and keep them moist. The planting season runs from October 1st to June 1st. Fall planting gives the soil a chance to settle around the roots which will insure stronger growth the first year.

ABOVE PRICES INCLUDE EXPRESS OR PARCEL POST PREPAID TO YOUR DOOR.



Foundation Planting of Ferns

## Toole's Hardy Ferns

Hardy Ferns are being used very freely for shady places around the house, for shaded parts of the Rock Garden, and for shaded borders of woodland paths. Most all Ferns require a plentiful amount of leaf mold or peat in the soil where they are planted to give the best results.

Do not plant Ferns deeply, and those with crowns such as the Ostrich Fern should be planted with half of the crown above the soil. Ferns may be planted either in the spring or fall, when they are dormant, or even during the growing season if extra care is used. If planted in the fall, mulch with leaves or straw for protection over the first winter. If planted during the growing season, the tops should be cut off and new foliage will soon form.

**ADIANTUM PEDATUM** (Maidenhair)—One of the most graceful of our native Ferns. Thrives in deeper shade than most kinds. Requires rich humus and protection from winds. 12-24 inches.

**ASPIDIUM ACROSTICHOIDES** (Christmas Fern)—Thick evergreen fronds 8-20 inches in length. Easy to grow in shaded leaf mold soil.

**ASPIDIUM MARGINALE** (Evergreen Wood Fern)—Grows here in rich pockets of shaded hillsides. 12-18 inches.

**ASPIDIUM SPINULOSUM**—An evergreen variety with divided pinnules. Attractive and easily grown. 12-20 inches.

**ASPLENIUM FELIX-FOEMINA** (Lady Fern)—A large handsome fern, two to three feet high, with finely cut foliage. One of the best for general culture.

**ASPLENIUM TRICHOMANES** (Maiden Spleenwort)—A tiny evergreen fern that will thrive in crevices filled with leaf mold in the shaded rockery. 2-5 inches.

**CAMPTOSORUS RHIZOPHYLLUS** (Walking Fern)—Curious little low-growing fern for the damp, shady rockery. Heart shaped at base tapering to long slender tip which often roots and starts a new plant.

**CHEILANTHES FEEI** (Lipfern)—A woolly-leaved fern, of a peculiar blue-green color, growing on exposed dry limestone rocks. Not common. 35c each; 3 for 85c.

**CYSTOPTERIS BULBIFERA** (Bulblet Fern)—Narrow, slender green fronds. 12-30 inches.

**CYSTOPTERIS FRAGILIS** (Fragile Fern)—A delicate fern growing from 6 to 18 inches high. For the shady rock garden or for shady, moist banks in the wild garden.

**ONOCLEA SENSIBILIS** (Sensitive Fern)—It grows in damp places, either in shade or sun.

**ONOCLEA STRUTHIOPTERIS** (Ostrich Fern)—This is one of the best for general culture in a fern bed. One plant often has as many as fifteen fronds, gracefully drooping, hence its name of Ostrich Fern. Under favorable conditions will often attain a height of 3 to 6 feet.

**OSMUNDA CLAYTONIANA** (Flowering Fern)—Clothed with loose wool when unfolding its fronds, which sometimes under favorable conditions, attain a height of more than four feet. This variety will do well in either dry or shaded places.

**OSMUNDA REGALIS** (Royal Fern)—Can be grown in very shallow, still water, in bogs or moist soil, in either sun or shade. 2-3 ft.

**PELLAEA ATROPURPUREA** (Purple Cliffbrake)—Grows wild in crevices of limestone rock, or sometimes in loose soil at base of rocks. Bluish green fronds and dark purple stems. 3-8 inches. Rare. 35c each; 3 for 85c.

**POLYPODIUM VULGARE** (Common Polypody)—A good small evergreen species for rock work. 4-8 inches.

**WOODSIA ILVENSIS** (Rusty Woodsia)—Grows on the most exposed sun-baked rocks. 4-6 inches. For the sunny rockery.

**WOODSIA OBTUSA** (Obtuse Woodsia)—On lightly shaded banks or ledges, this low-growing fern grows readily. 4-8 inches.

UNLESS OTHERWISE NOTED, PRICES ON ABOVE FERNS ARE 25c EACH; 3 FOR 65c; \$2.50 PER DOZEN.

### FERN BED FOR THE SUNNY ROCK GARDEN

THREE EACH OF WOODSIA ILVENSIS; CHEILANTHES FEEI; and PELLAEA ATROPURPUREA; NINE PLANTS IN ALL FOR \$2.00.

ABOVE PRICES INCLUDE EXPRESS OR PARCEL POST PREPAID TO YOUR DOOR.



# Annual Garden and Bedding Plants

While there is a certain satisfaction in growing perennials that makes them especially dear to one; we cannot get along without the beautiful Annuals. To complete a color arrangement in the garden at some times of the year, it is often desirable to use Annuals in the Perennial Border, and they are often useful in filling in vacancies or spots in the border or Perennial Garden.

Of course there is the Garden of Annuals itself which may be kept entirely distinct from the rest of the garden, for the purpose of growing cut flowers. Most may be grown in the open ground from seeds, but some will give more satisfaction if started in the greenhouse. It is some of these, together with a few tender bedding plants that are listed below:

	Each	Doz.		Each	Doz.
AGERATUM—Blue, dwarf .....	.10	1.00	PARLOR IVY—A rapidly growing green vine for window boxes and baskets. ....	.15	1.50
ALTERNANTHERA—Red or yellow, variegated. A bedding plant that is also useful in giving summer color in the rock garden. \$10 per 100.....	.15	1.50	PETUNIA. Double flowered .....	.35	3.50
ANTIRRHINUM (New Giant Snapdragon)—Very large flowers .....	.10	1.00	PETUNIA (Rosy Morn)—Single flowered, rosy pink. \$6 per 100 .....	.10	1.00
ASTERS—Early flowering, mixed ....	.05	.50	PETUNIA (Rosy Morn)—4 inch pots .....	.25	2.50
GIANT BRANCHING—Separate colors of white, pink, crimson, lavender or purple mixed. \$3 per 100.....	.05	.50	PETUNIA (Royal Purple) .....	.10	1.00
ASTER (Giant Comet)—Mixed or separate colors of white, crimson, lavender or purple. \$3 per 100.....	.05	.50	PETUNIA (Royal Purple) — 4 in. pots .....	.25	2.50
BELLIS PERENNE (English Daisy)—white or pink. \$8 per 100 .....	.15	1.50	PETUNIA (Giant Flowered)—Have large throats, many colors, mixed ....	.10	1.00
COLEUS—Brilliant colored foliage ....	.10	1.00	PETUNIA (Giant Flowered)—From 3½ inch pots .....	.25	2.50
COSMOS—Early, mixed colors .....	.05	.50	SANTIVALIA PROCUMBENS — —A low growing spreading plant with small double yellow flowers. Very profuse bloomer. For rock garden or border of flower bed. Transplanted plants .....	.10	1.00
GERANIUMS—Double, red, pink, or white .....	.25	2.75	SALVIA SPLENDENS (Bonfire or America) \$7 per 100 .....	.10	1.00
HELIOTROPE—Medium color, has a sweet scent, strong, from pots .....	.25	2.50	SCABIOSA—Annual, mixed colors ....	.10	.50
LOBELIA—Blue .....	.10	1.00	THUNBERGII (Black-eyed Susan) Vine for boxes .....	.10	1.00
PANSY PLANTS (Garry-nee-Dule-Mixture). \$5 per 100 .....	.75		VERBENA—Mixed colors .....	.10	.50
PARIS DAISY. White .....	.25	2.50	VINCA VARIEGATA—4 inch pots .....	.25	2.50
			ZINNIA—Finest giant varieties mixed .....	.10	.50
			ZINNIA—Pompon type. Mixed .....	.10	.50

## Toole's Pansy Plants

Pansies have long been a specialty with us, and we believe our Garry-nee-Dule Strain is distinct in richness of coloring and pleasing form of flowers. Strong transplanted plants in bud and bloom, April 15 to June 1, and September to November. Mixed colors. 75c per dozen; 25 for \$1.25; \$5 per 100.

## Water Lilies

A choice selection of varieties of Hardy Water Lilies that will give you many flowers and much pleasure.

### NYMPHAEAS

- ADVENA (Spatterdock) — Rather small yellow flowers. 25c each; 3 for 65c; \$2.50 per dozen.
- COMANCHE—The largest and finest of the apricot tints. The flowers have a wonderful combination of orange and glowing amber red. A strong grower and the earliest and most continuous bloomer in the hardy class. \$3.00 each.
- ESCARBOUCLE—Bright crimson, carmine with orange center. Magnificent flowers four to six inches. Very free bloomer, vigorous growth. Each \$5.00.
- GLADSTONE—Flowers pure dazzling white; cup-shaped and very massive. \$2.00 each.
- GLORIOSA—Deep carmine changing to deep red. Free and continuous bloomer. Each \$4.00.
- MARLIAC WHITE—Large, of sparkling whiteness, stamens light yellow. Fragrant and free bloomer. \$2.00 each.

- MARLIAC CHROMATELLA—Large, or sparkling low flowers from four to six inches in diameter with bright yellow stamens. The leaves are beautifully mottled with bronze red. The plant flowers freely and is of easy, quick, vigorous growth and of compact habit. This is the best yellow hardy Water Liliy in cultivation for all purposes. Each \$2.00.
- MARLIAC ROSE—Deep pink shading to delicate rose at tips. Fragrant. Each \$2.00.
- ODORATA (American Waterlily)—The wild white Waterlily of our northern ponds and sluggish streams. 35c each; 3 for 95c; \$3.50 per dozen.
- PINK OPAL—A very fine new deep pink variety. \$2.00 each.
- ROSE AREY—The bright cerise flowers of irridescent hue are very large, up to eight inches in diameter, very sweetly scented, with pointed petals, giving effect of darker shading near the edges. Long bright yellow stamens. Free blooming and of strong growth. \$2.00 each.

ABOVE PRICES INCLUDE EXPRESS OR PARCEL POST PREPAID TO YOUR DOOR.

# Toole's Perennial Seeds

## POINTERS ON GROWING PERENNIALS FROM SEEDS

Many Hardy Perennials may be grown from seeds successfully if one cares to wait an extra year or so for flowers, and wishes to take the extra trouble involved in growing on young plants.

It seems to be quite a general supposition that perennials should be sown from June to August. My experience is that with few exceptions the earlier the seeds are sown, the better the results will be. The exceptions are such quick growing kinds as Shasta Daisy, Sweet William, Hollyhocks, and a few others which do better planted in June. Delphiniums may be planted very early in the spring, or late in summer as soon as the seed has ripened. Aquilegias and Delphiniums will not germinate heavily if a year or more old.

For seed sowing, prepare the soil in an open bed or cold frame. Sow in little furrows not over twice the depth of the diameter of the seed, cover the seed with soil and press down with a board. Make the furrows from two to four inches apart. Water thoroughly but not so heavily as to wash out the seeds. Water often enough to prevent drying out as a germinating seed is quickly killed by drying. Either shade with cloth or cover over with lawn clippings or grass to check drying out. Remove the shade or cover as fast as seeds come up. Keep weeds out and soil stirred in rows. Transplant, when three or four leaves appear to nursery rows where they will have more room to develop, and to permanent places in early spring or fall.

Very small seeds may often be handled to advantage in small boxes 3 to 4 inches deep. For soil we have found a mixture of one-half sand and one-half leaf mold screened through a wire fly screen sieve to give very good results. The tiny seeds may be scattered on the soil and pressed down with a flat piece of board. watering may be done either by resting the bottom of the box in a pan of water, allowing it to soak up through the dirt, or by a very fine spray from above. Shade until the seed germinates with a sheet of painted glass or with paper. These tiny seeds must never be allowed to dry out while in process of sprouting.

Alyssum, Arabis, and Poppies are difficult to transplant and may be sown directly in their permanent home.

No.	Packet	No.	Packet
101— <i>Agrostemma coronaria</i> —Single crimson Flowers .....	.05	151— <i>Campanula Calycanthema</i> (Cup and Sau- cer) — White .....	.10
105— <i>Alyssum Saxatile Compactum</i> —Bright yellow flowers .....	.10	152— <i>Campanula Calycanthema</i> (Cup and Sau- cer)—Pink .....	.10
106— <i>Alyssum Rostratum</i> — Taller and later than the preceding. Rockery .....	.10	153— <i>Campanula Calycanthema</i> (Cup and Sau- cer)—Blue .....	.10
110— <i>Anchusa Dropmore Variety</i> . Gentian blue .....	.10	154— <i>Campanula Persicaefolia</i> — Waxy white, bell-shaped flowers on slender stems....	.10
111— <i>Anchusa Lissadell</i> . Improvement on Drop- more. Large flower. Deep blue .....	.10	155— <i>Campanula Persicaefolia</i> — Blue flowers .....	.10
112— <i>Anchusa Myosotidaeflora</i> —Large round leaves and tiny forget-me-not-like flowers early in spring .....	.15	159— <i>Centaurea Dealbata</i> —Rosy pink .....	.10
115— <i>Anthemis Tinctoria Kelwayii</i> (Golden Marguerite) .....	.10	160— <i>Centaurea Montana</i> (Hardy Blue Corn- flower) .....	.10
120— <i>Aquilegia Canadensis</i> —Native red and yel- low Columbine .....	.10	161— <i>Centaurea Macrocephala</i> —Large thistle- like yellow flowers .....	.10
121— <i>Aquilegia Coerulea</i> (Rocky Mountain Columbine) .....	.10	163— <i>Cephalaria Macrocephala</i> —Like a canary yellow <i>Scabiosa</i> ; 5-6 feet .....	.10
122— <i>Aquilegia Chrysantha</i> —Golden yellow ....	.10	166— <i>Cerastium Tomentosum</i> (Snow-in-Sum- mer)—Low - growing greyish, with hairy leaves and white flowers .....	.10
123— <i>Aquilegia Nivea Grandiflora</i> —Pure white .....	.10	167— <i>Cheiranthus Allioni</i> (Siberian Wall Flow- er)—Orange flowers, sweet scented....	.10
124— <i>Aquilegia Long Spurred Hybrids</i> —Very choice, many colors .....	.10	170— <i>Chrysanthemum Maximum</i> (Shasta Daisy Alaska) .....	.10
126— <i>Aquilegia Skinneri</i> —Scarlet spurs, yellow with green throat .....	.10	172— <i>Chrysanthemum Leucanthemum</i> (Memor- ial Daisy)—A very early type of white daisy .....	.10
129— <i>Arabis Alpina</i> (Rock Cress)—white .....	.10	174— <i>Corydalis Lutea</i> —Golden yellow flowers. For Rock Gardens .....	.20
130— <i>Arenaria Montana</i> —Dwarf white .....	.10	175— <i>Coreopsis Lanceolata Grandiflora</i> —Clear yellow daisylike flowers. 3 feet .....	.10
131— <i>Armeria setacea</i> —Low tufted growth, pink flowers .....	.15	180— <i>Delphinium Garry-nee-Dule Blue Hy-</i> brids—This includes both single and double flowers ranging from nearly white through shades of light and deep blue to rich purple. Some of the flow- ers, both single and double, are beau- tifully suffused with mauve and plum. It has been our aim in developing this strain to strive for a vigorous plant that will be effective in the border as well as for large individual flowers. This is not by any means the only good strain of Delphiniums to be had but we believe you will be pleased with the effect obtained from the mature plants in your border ....	.20
132— <i>Asclepias Tuberosa</i> —Orange flowers .....	.10	181— <i>Delphinium White Hybrids</i> — Selected from large flowered Summer Cloud Strain, standard for size of single flow- er being a silver dollar. About 75 per cent may be expected to come white, the balance mostly shades of light blue .....	.25
133— <i>Aster Alpinus</i> —Mixed .....	.10		
134— <i>Aubretia Graeca</i> —Bright blue dwarf .....	.10		
135— <i>Aubretia Hybrida Grandiflora</i> — Mixed colors .....	.10		
136— <i>Baptisia Australis</i> (False Indigo)—At- tractive foliage, blue lupine-like flow- ers .....	.10		
137— <i>Bellis Perennis</i> —Pink .....	.10		
138— <i>Bellis Perennis</i> —White .....	.10		
139— <i>Calamintha Alpina</i> (Alpine Mint)—Good for the Rock Garden, lavender flow- ers early in spring .....	.25		
140— <i>Campanula Carpatia</i> (Carpathian Hare- bells)—Blue and white .....	.10		
145— <i>Campanula Medium</i> (Canterbury Bells) Mixed colors .....	.10		
147— <i>Canterbury Bells</i> , Blue .....	.10		
148— <i>Canterbury Bells</i> —Pink .....	.10		
149— <i>Canterbury Bells</i> —White .....	.10		
150— <i>Campanula Calycanthema</i> (Cup and Sau- cer)—Mixed colors .....	.10		

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No.	Packet
182—Delphinium Belladonna (Everblooming Larkspur) — Sky blue .....	.10
183—Delphinium "Bellamosum"—Same habit as Belladonna, but dark blue .....	.10
184—Delphinium Formosum—Deep blue flowers, white centers .....	.10
186—Delphinium Wrexham or Hollyhock Strain—Very large flowers, long spikes, heavy stalks .....	.25
187—Delphinium Blackmore and Langdon Strain Blue hybrids of large size and fine form and coloring of flowers .....	.25
188—Delphinium Nudicaule—Bright scarlet ....	.15
192—Dianthus Barbatus (Sweet William) — Auricula eyed, mixed .....	.10
193—Dianthus Barbatus Scarlet Beauty .....	.10
194—Dianthus Barbatus (Sweet William)—Pink .....	.10
195—Dianthus Barbatus (Sweet William) White .....	.10
196—Dianthus Caesius (Cheddar Pink)—For the Rock Garden or Border .....	.15
197—Dianthus Deltoides (Maiden Pink)—Dark green leaves, rose colored flowers for the Rockery .....	.10

## Perennial Seed Collection

**\$1.55 WORTH OF SEEDS FOR \$1; POSTPAID.**

For those who want to try their fortune at growing a Perennial Garden from seed, I have selected a collection of a dozen varieties that are not hard to grow at the very small price of **ONE DOLLAR FOR 12 PACKAGES** of selected seed. No change may be made in this collection at the price quoted. The collection contains one package each of *Anchusa Dropmore Variety*, *Aquilegia Long Spurred Hybrids*; *Campanula Medium*; *Centaurea Macrocephala*; *Coreopsis Lanceolata Grandiflora*; *Delphinium Garryne-Dule Blue Hybrids*; *Dianthus Barbatus*; *Gaillardia Grandiflora*; *Hollyhocks*, double mixed; *Lupinus Polyphyllus*, choice mixed; *Papaver Nudicaule*, *Baker's Sunbeam*; *Pyrethrum Hybridum Fl. Pl.* **VALUE \$1.55 FOR \$1.00, POSTPAID TO YOUR DOOR.**

198—Dianthus Latifolius Atrococcineus—Red .....	.10
199—Dianthus Plumarius (Hardy Garden Pink)—Mixed .....	.10
200—Dianthus Superbus .....	.10
201—Digitalis Gloxinaeflora (Foxglove) .....	.10
202—Digitalis Gloxinaeflora—White, rose or purple, separate .....	.10
205—Digitalis Gloxinaeflora (The Shirley) very tall .....	.10
206—Digitalis Lutea Grandiflora—Yellow.....	.10
209—Dodecatheon Meadia (Shooting Star)—This is our native variety. Selected from picked plants .....	.15
211—Eryngium Amethystinum (Sea Holly)....	.10
212—Epilobium Angustifolium (Willow Herb or Fireweed)—Native .....	.10
220—Gaillardia Grandiflora—Beautiful combinations of crimson, gold, copper, red .....	.10
225—Geum Atrosanguineum Fl. Pl.—Dark red .....	.10
227—Gentiana Macrophylla—Perfectly hardy in Wisconsin. While the blue flowers are beautiful, the rosette of large leaves is the most attractive feature .....	.25
228—Gentiana Septemfida — Flowers purple with brown spots .....	.25

No.	Packet
230—Gypsophila Paniculata (Baby's Breath)—Delicate white flowers used with larger flowers in bouquets. Ounce 25c .....	.05
231—Gypsophila Paniculata (Double Baby's Breath)—From 25 to 40 percent may be expected to be double .....	.25
232—Gypsophila Repens—Low growing creeping plant with a profusion of white flowers in summer .....	.10
233—Helianthemum Mutabile (Sun Rose)—Mixed colors .....	.15
238—Heuchera Sanguinea (Coral Bells) .....	.10
240—Hollyhocks—Double, mixed colors .....	.10
241—Hollyhocks—Double pink .....	.10
242—Hollyhocks—Double red .....	.10
243—Hollyhocks—Double yellow .....	.10
244—Hollyhocks—Double white .....	.10
245—Hollyhocks—Single mixed .....	.10
246—Iberis Sempervirens (Candytuft)—White .....	.10
247—Isatis Glauca—Yellow. 3 feet. Good for cut flowers .....	.10
250—Lathyrus Latifolius (Perennial Pea)—Mixed colors .....	.10
251—Lathyrus Latifolius—White .....	.10
252—Lathyrus Latifolius—Pink .....	.10
253—Lavatera Thuringia — Pink mallow-like flowers. 3-4 ft. July. A new hardy perennial discovered by Prof. Hansen in Siberia .....	.25
254—Liatris Pycnostachys (Kansas Gay Feather) .....	.10
255—Leontopodium Alpinum (Edelweiss) .....	.15
256—Lilium Henryi .....	.20
257—Lilium Phillipinense Formosanum .....	.20
258—Lilium Tenuifolium (Coral Lily) .....	.15
259—Lilium Regale (Regal Lily) .....	.15
263—Linaria Alpina—Choice rock plant .....	.25
264—Linum Perenne (Flax)—White .....	.10
265—Linum Perenne (Hardy Blue Flax) .....	.10
266—Lobelia Cardinalis—Bright cardinal red....	.10
267—Lobelia Siphilitica—Deep blue Lobelia....	.10
268—Lunaria Biennis (Honesty) .....	.10
269—Lupinus Polyphyllus—Choice mixed .....	.10
270—Lupinus Polyphyllus—Downer's Hybrids, mixed .....	.15

## Seeds of Rock Garden Plants

This collection of Seeds of **ROCK GARDEN PLANTS**, 14 PACKAGES, valued separately at \$1.60, for **ONLY \$1.00**. These are kinds that are not difficult to grow from seed.

*Alyssum saxatile compactum*, *Arabis alpina*, *Aster alpinus* mixed, *Campanula carpatica*, *Cheiranthus allioni*, *Dianthus deltoides*, *Nepeta mussini*, *Papaver nudicaule* (Baker's Sunbeam), *Saponaria ocymoides*, *Statice incana*, *Tunica saxifraga*, *Veronica teucrium*, *Primula auricula*, *Sedum* mixed varieties.

271—Lupinus Polyphyllus — White, pink, or blue separate .....	.10
272—Lupinus Sunshine—Yellow .....	.25
273—Lychnis Alpina .....	.10
274—Lychnis Arkwrightii—New .....	.10
275—Lychnis Chalcedonica (Jerusalem Cross) .....	.10
276—Mertensia Virginica—Our native Merten-sia. Blue. Not difficult from seed ....	.10
277—Myosotis Palustris (Forget-Me-Not).....	.10

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No.	Packet
278— <i>Nepeta Mussini</i> .....	.10
279— <i>Papaver Nudicaule</i> (Baker's Sunbeam) new shades, mixed .....	.10
285— <i>Papaver Orientale</i> (Oriental Poppy)— Scarlet .....	.10
286— <i>Pardanthus Chinensis</i> (Blackberry Lily) .....	.10
287— <i>Pentstemon Barbatu Torreyi</i> .....	.10
288— <i>Pentstemon Grandiflora</i> (Shell Leaf Pent- stemon) — Beautiful lavender-blue —2 feet .....	.10
290— <i>Physalis Franchetti</i> (Chinese Lantern Plant) .....	.10
292— <i>Physostegia Virginica</i> (False Dragon Head) .....	.10
293— <i>Platycodon Grandiflorum</i> (Balloon Flow- er)—Blue and white mixed .....	.10
294— <i>Polemonium Reptans</i> (Jacob's Ladder)....	.10
295— <i>Potentilla Formosa</i> —1-2 feet high. Straw- berry-like leaves and purple flowers....	.25
296— <i>Potentilla Nepalensis</i> "Roxana"—New ....	.25
297— <i>Primula Auricula</i> —Mixed colors .....	.20
298— <i>Primula Polyanthus</i> —Mixed colors .....	.20
299— <i>Pyrethrum Corymbosum</i> —New white....	.25
300— <i>Pyrethrum Hybridum</i> (Persian Daisy)— Mixed colors, white, pink to crimson .....	.10
301— <i>Pyrethrum Hybridum Fl. Pl.</i> —Only small percentage of the seedlings double, balance are very fine single flowers, many do not show their full tendency to come double till two years old or more. This is a very fine strain of seeds .....	.25
302— <i>Pyrethrum Hybridum</i> —Double red .....	.25
303— <i>Pyrethrum Atrosanguineum</i> — Shades of red .....	.10
310— <i>Rudbeckia Purpurea</i> (Purple Cone Flow- er) .....	.10

No.	Packet
311— <i>Rudbeckia Triloba</i> —Biennial, yellow. Fine for naturalizing .....	.10
315— <i>Salvia Azurea Grandiflora</i> —Hardy Blue Salvia .....	.10
317— <i>Saponaria Ocymoides</i> (Rock Soapwort) Pink .....	.10
320— <i>Scabiosa Caucasica Perfecta</i> (Blue Bon- net) — Lavender .....	.25
321— <i>Sedum</i> , many varieties, mixed .....	.10
322— <i>Saxifraga Bathoniensis</i> — A vigorous growing variety of the mossy Saxif- ragas. Pink or red flowers .....	.50
323— <i>Sempervivum Mixed</i> — A mixture of many choice varieties .....	.25
325— <i>Sidalcea</i> (Rosy Gem)) .....	.10
326— <i>Sidalcea</i> (Rose Queen) .....	.10
332— <i>Silene Schafta</i> —Rosy purple. For rock gardens .....	.15
333— <i>Sphaeralcea Remote</i> — A native plant known only as growing wild on a gravelly island in the Kankakee River in Illinois. Rose pink mallow-like flowers in summer. Plants 3-5 ft. Maple shaped leaves. Soak seed in warm water for 24 hours before sowing .....	.50
334— <i>Statice Dumosa</i> —An improved form of <i>S. Incana</i> . Flowers tinted pink, larger and more plentiful .....	.25
335— <i>Statice Incana</i> .....	.10
336— <i>Statice Latifolia</i> (Great Sea Lavender) .....	.15
337— <i>Stachys Lanata</i> (Lamb's Ear)—Woolly leaves, lavender flowers .....	.10
340— <i>Tunica Saxifraga</i> (Coat Flower)—.....	.10
350— <i>Veronica Incana</i> —Silvery foliage, blue flowers .....	.10
352— <i>Veronica Spicata</i> .....	.10
353— <i>Veronica Teucrium</i> —Gentian blue .....	.15

## Toole's Pansy Seeds

- 500—Garry-nee-Dule Mixture—This is a mixture of many colors of Pansies, containing all the following varieties as well as many other choice colors. Prices of Garry-nee-Dule Strain Pansy Seeds are: 300 seeds 25c;  $\frac{1}{8}$  ounce, or about 3000 seeds for \$2.00.
- 501—Roggli or Swiss Giant Pansies—Mixed colors. A strain of very large flowered pansies, in rich, dark colors. We find this strain produces very large flowers, but less profuse than smaller-flowered kinds. 25c packet.
- 502—Swiss Giant Alpenglöw—Dark red. 25c per packet.
- 503—Swiss Giant Thuner See—Of the same giant type as the mixed strain, but of a deep ultramarine blue color. 25c packet.
- 504—Swiss Giant—Yellow with black spots. 25c per packet.
- 505—Giant Masterpiece—Large flowers with waved or fluted petals, giving the appearance of a double flower. A variety of rich shades and colors. 25c packet.
- 506—Giant Orchid Flowered—Large flowers in the more delicate art or pastel shades. 25c packet.
- 507—Giant Bugnot—Large blotched mixed varieties. 25c packet.
- 520—Giant Brown—Peculiar and beautiful shades of tan and brown not approached in color by any other variety of flowers. Packet of 200 seeds 25c.
- 535—Giant Cardinal—Rich cardinal red flower is very distinct and striking. Plant is not a strong grower. 20c packet.
- 545—Giant Golden King—Golden yellow flowers, some clear yellow, some with dark spot on three lower petals. 10c packet.
- 555—Giant Madam Perret—Wine shades on a ground

of yellow and bronze. 10c packet.

- 560—Giant Mauve—Delicate mauve, lower three petals marked with large blotch of carmine. 10c packet.
- 565—Giant Mercury—Very large self-colored blackish purple. 10c packet.
- 570—Giant White—Creamy white with dark centers. 10c per packet.
- 575—Giant Lord Beaconsfield—Purple upper petals. Lighter below. 10c packet.
- 600—Viola Admiration—Small dark blue flowers. Profuse bloomer. 10c packet.
- 601—Viola Blue Perfection—Dark blue flowers. 10c packet.
- 602—Viola Bosniaca — Profuse bloomer, deep mauve flowers. 15c packet.
- 603—Viola Bowles Black—Tiny black flowers with violet centers. 10c packet.
- 604—Viola Apricot Gem—Orange flowers, darker center. 15c packet.
- 605—Viola Lutea—Sweet scented, yellow flowers. 10c packet.
- 610—Viola Papilio—Reminds one of our native Bird's Foot Violet. 10c packet.
- 615—Viola Red Shades—Various shades of rose and red. 10c packet.
- 620—Viola White Perfection—A pure white. 10c per packet.
- 625—Viola Mixed—10c packet.
- 626—Viola Lord Nelson—Purple. 25c packet.

### LEAF MOLD

We can supply Leaf Mold from mixed hardwood trees for use in preparing suitable soil for rock garden plants, ferns and wild flowers at \$1.00 per bag of one bushel of Leaf Mold.

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